

florida

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THE ALL-FLORIDA AMATEUR RADIO PUBLICATION

December 1983 Price 50 cents

THE GRENADA STORY

By Tom Cunard, WV4A Ex N4HRD

October 25th, 1983, at 5:00 A.M. EDT - The Chancellor of the Grenada medical school heard a news report describing the invasion of the island of Grenada, West Indies. Concerned with the safety of hundreds of American students, he quickly telephoned WB2VGL/4 in WPB, Fla. with a request to establish contact with amateurs at the medical facility. Within moments of his call for assistance, amateur operators in key locations throughout the U.S. were activated. Special authorization pursuant to the Federal Communications Commission's Part 97.107(a)(b)(c) were secured through the help of K0IND and K4DMK. Because of the gravity of the situation, in-band and out-of-band frequencies were requested in order to secure the most interference free frequencies. FCC Headquarters granted the proper authorization within a few minutes of the request.

A vigil was conducted throughout different bands and frequencies by authorized amateurs for the duration of this emergency. Because of the usual propagation problems, it was necessary to utilize control operators at different geographical locations and frequencies.

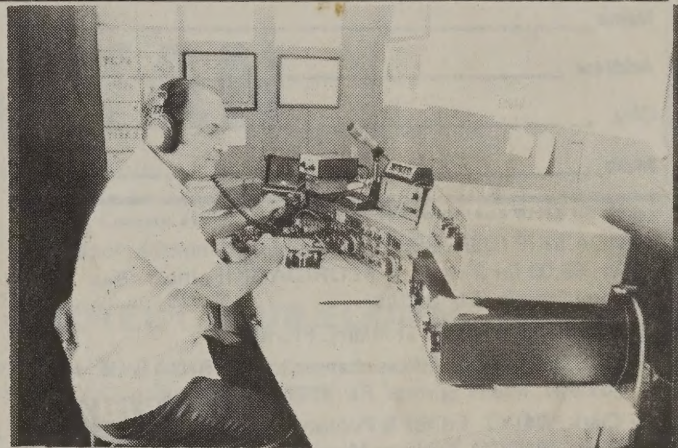
Mark Barettella (Mark I), KA2ORK/J3 at the Grand Anse, Grenada facility, with the assistance of Mark II and John K., performed a magnificent job throughout the duration of the emergency while operating under adverse conditions. Emergency power was used during the greatest portion of the time. Re-fueling the generator was of great concern since their personal safety was imperiled every time they ventured outside the facility. The Grand Anse facility which housed 176 Americans, did not have U.S. military protection from the beginning of the invasion until their actual evacuation.

Mr. Reed Clark, United States State Dept., Grenada Task Force Desk, conveyed messages of great importance and received status reports from Grenada via Amateur Radio which was the only link between those 176 Americans isolated in a foreign country besieged by war.

QSY back page

COMING EVENTS

Clearwater Suncoast Convention, No. 26 & 27th.
Sarasota Hamfest, Jan. 14 & 15, 1984
Miami Tropical Hamfest, Feb. 4 & 5,
Pinellas Park Hamfest, Feb. 19th
Stuart Hamfest, Feb. 25th
Hernando Co. Hamfest, Mar. 3rd
Orlando Hamcation, Mar. 9, 10 & 11th.
Playground Swapfest, Mar. 17 & 18th.
Ft. Myers Hamfest, Mar. 24th.
18th Fla. QSO Party, May 5 & 6th



Here is Bev W4ZD operating his TI2BEV station during CQ WW CW Test. He, Ed K4IA and a couple others walked off with the Multi-op North American DX plaque this year. See Pg 79, Oct. QST for full results. Nice going gang. Do it again next year! Other ops were W4KET and W4OMW. (Photo via K4IA)

TRAIN WRECK CAUSES EVACUATION

Oct. 29, 1983 — 0936 Hrs. — A Seaboard Coastline train passing through Orange Park, FL leaves the tracks and a tank car spills a reddish-brown yellow vapor near a residential area. This is the scenario for the Clay County, FL Simulated Emergency Test.

First on the scene was Joe, KI4BI, EC, Clay County. The Clay County Emergency Net was immediately called on the 07/67 machine and Bill, KZ4L, was directed to notify all stations not on the air by telephone. Next notified were the Civil Defense Director, The Clay County Sheriff's Dept., and the local Fire Dept. The Meadowbrook Fire Dept., after being notified of the nature of the spill, responded Squad 185, their new hazardous materials unit. Their Personnel identified the material as Nitric Acid and requested the amateurs assist in blocking vehicular traffic and evacuate the area. Evacuation was simulated by passing out fliers to those residents who would have been affected explaining the nature of the simulation. KD4XP, Dave, assigned to work with Squad 185, gave the firemen a good demonstration of Ham radio by placing several autopatch calls (this may have recruited a couple of new Amateurs). Several citizens stopped to satisfy their curiosity, and participating Hams answered their questions, giving additional good publicity to Amateur Radio.

Publicity was a prime consideration in this SET. An article was published by the Clay Today Newspaper approximately a week before the event explaining what would happen and the purpose of the exercise to the general public. No places or dates were given, allowing it to be called as if it were an actual emergency. The day of the SET, Clay Today had a reporter at the scene who covered the entire event.

Very successful is the only way this SET could be described. As a result of this event, the local ARES group has been invited to participate in a major simulated emergency planned by fire, rescue and police in the near future. All local residents were very impressed by the scope and nature of the simulated emergency.

The other Amateurs who helped make this a successful operation were N4ENV, NX4F, NU4Y, WB4MBU, WA4UKJ, KA4YOM, and WA4ZJB. Repeaters utilized for the exercise were 146.07/67 (Orange Park Amateur Radio Club), 146.10/70 (WB4MBU), and 147.33/93 (KD4XP).

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Andy Clark, W4IYT Editor & Publisher
Betty Clark, W4GGQ Business Manager
Vance Murr, W4FWI, Mailing Department
Bud Miller, KA4AIK, Mailing Department
Bob Denton, WB4FGL, Proof Reader



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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266

SILENT KEYS

We are deeply sorry to report the passing of the following amateurs. May the, R. I. P.

W4PKH	James Dwyer	Largo
K4VNL	Ralph Hough	Essexville, MI
K2EVV	John F. Bailey	New Port Richey
W4YW	Louis B. Lang	Coral Gables
KC4MP	Leland A. Losley Sr.	Titusville
KE4SX	Brian J. Jescik	Sorrento
KA4PFZ	Robert A. Taylor	Miami
W4VTJ	Jay Bronson	Lantana
N3MB	Martin Berman	Sarasota
K4BLH	Armand Fischer	Tequesta
K4JYA	Jerry Jarrell	Ft. Walton Beach

EX CALLS

Here is another nice list EX-CALLS. Have you sent in yours yet with a HAMBAR or SKIP renewal? ?

WN4B	ex	WA4VRP
N4GQF	ex	WA1GQO, WN1EBX
WV4A	ex	N4HRD
KI4BI	ex	N4ARJ, WA4IKJ
K4CWP	ex	W8MGZ, W3MGZ
WB4LAP	ex	CO2RF
WE4X	ex	KA4FOT, KE4UZ
KD4ZN	ex	WA3JAF, KD4ZN
N4JCA	ex	WD4BQU

PLEASE NOTE: ALL HAMBARs ARE \$2.00 MINIMUM, 5 CENTS A WORD OVER FORTY WORDS. SEE RATE CARD INFO AT BEGINNING OF HAMBAR SECTION FOR DETAILS ON ALL ADS. Thanks, Editor.

GUEST EDITORIAL

By Jim Nunziato, WA2HOC/4*

BAD NEWS

D-E-R-E-G-U-L-A-T-I-O-N-S!!!

I was very glad to see Amateur Radio get some well deserved favorable publicity in the recent invasion of Grenada. The whole world knew that Amateur Radio was the only non-government communications link with the American students, and I would imagine that hams, swl's and many other people throughout the world who would normally never listen to the ham bands were listening to the first-hand account of what was happening, and that brings me to the point of this editorial.

I was appalled at the behavior of some of the "HAMS" in our ranks. I have never heard so much deliberate interference, carrier throwing, loading up on freq. etc. We even managed to accomplish a "new first" this time . . . It got so bad that the stations in control had to go to the FCC and get special authorization to actually operate outside of the normal phone bands as the interference got so bad! That really speaks well of a group of "self policing" amateurs, doesn't it? I hope that the FCC realized first hand, some of the effects of "DEREGULATION". It seems to me that there wasn't too much enforcement on the 11 meter citizens band, and what came of that? A ban on the sale of linear amplifiers capable of operating on ten meters to legitimate amateurs who would use them for their intended purposes. As the FCC continues to "deregulate" the Amateur Radio Service, it will become easier and easier for these people who have no regard for rules in the first place, to join our ranks. With the advent of Dick Bash Books, now one needs only to MEMORIZE, not UNDERSTAND the technical aspects of the radio theory. Many of these new hams do not seem to understand how to operate a transmitter in such a manner as not to cause interference, splatter, etc. and, to top it all off, there is still talk of the "NO CODE" license! Heaven help us if it ever comes to pass! I know that Dick Bash has done a lot to help get people into Amateur Radio, and Wayne Green says that "we need to get more people into the hobby to keep it active." I agree 100%, but we MUST NOT LOWER THE STANDARDS and hand out ham tickets in cereal boxes, either!

I hope that every person who heard the "activity" on the Grenada net will write to the FCC and petition them to "KEEP THE CODE" and "STOP FURTHER DEREGULATION". We need to encourage people to "WORK" for that ham ticket so it will become the prized possession that it deserves to be.

* 1114 Sioux St., Jupiter, FL 33458

FAMILY CALLS

Thanks to the following for sending in their Family calls. A real nice list.

The Laakkonens: KC4KM, Bill Advanced. KC4KL, Bev, Advanced. N4BKT Bill (son) General. KA4FLH, Cyndi (daughter) Novice. All of Hobe Sound and work at Bill's TV & Appliance store at 11150 S. Fed. Highway. The Callaways: N4EC, Ed Sr, Extra. K4HFJ, Pat (Mom) Tech. Ed Jr. WB4AWH, extra and Charlie (son) KA4RRN, General! All of Gainesville. The Amborses: Frank - W4SFW; Bill - W4QV. Joe - WB4WQV. Ray - WB4AJW. Peg - WA1UFU. Frankie - N4CWS. Barbara KC4CE. Becky - KA4SBN. Dick - KA4YNL and Ray Jr. KB4BCW. Ten in all.

It appears the Amborses have their own net and really communicate via the airways. Can anyone top them? I kinda have my doubts. If if you can't send in your FAMILY CALLS anyway. Many thanks. Editor.

IMPORTANT NOTICE

FLORIDA REPEATER TRUSTEES

If you wish to have your repeater shown on the 4th edition of the 2 Meter Florida Repeater Map, please notify Bill Tucker, W4FXE, stating the IN and OUT frequencies and the location of your repeater.

Send to Bill Tucker, 1965 S. Ocean Drive, Apt. 15-G, Hallandale, Fla. 33009.

Thank you.

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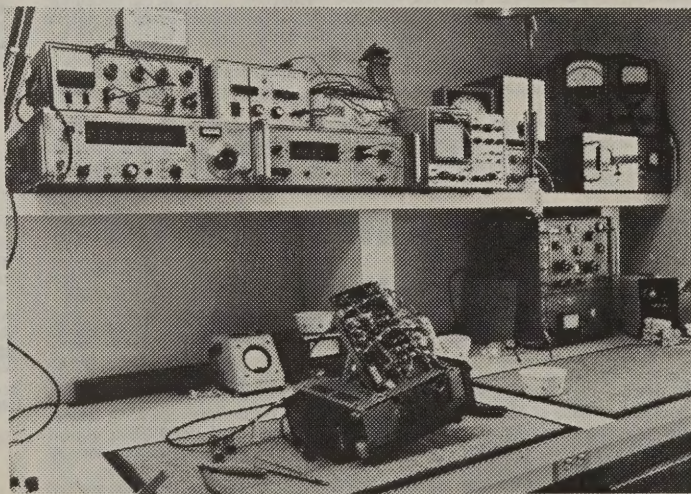
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MONDAY - FRIDAY 10 AM to 5 PM



FLORIDORA YLS

By Cathy Soehl, W4BAV/ARNS

W4HRC-Little Bo expects to attend the Clearwater Convention after which she will go to Mass. for holiday; return Dec. 10th.

W4WPD-Shirley and OM, W4UFR-Earl are enjoying Square Dancing at the Clover Leaf Farms. She says she is a Great-Aunt again. Hi!

K4RNS-Marge having a rough time with foot and leg; has cast on it and gets around in an electric wheel chair. She is on 2-meters only. Keep up your courage, Marge, we miss you on the Net.

K2RUE-Sandy Smith, Florida No. 376, welcome aboard. Sandy is active on the air and assists Gator Net with CW traffic in her area.

W4QBY-Dorothea busy getting her garden planted and is also interested in playing the organ.

W4BMC-Bertha gives weather twice a day and special warnings when needed. She has RTTY hooked through the land line to Hurricane Center. Keep up the good work, Bertha.

W4EDL-Nancy working for A&E Testing Co., who tests concrete strength in pilings, etc. She went on 2-week vacation, developed bronchitis, so returned home in a week. Saving their pennies now for 35th Class Reunion next June. Good luck, Nancy.

W4OMH-Catherine moving to Gainesville, where she is Librarian in the Children's Dept. at the University.

WB4AUR-Thelma and OM, K4KQC-Chuck flew to Rome, then to Venice, where they took the Orient Express to London to attend F.O.C. meeting. Enjoyed it, but came back with colds and "Jet Lag."

HAPPY HOLIDAYS - MERRY XMAS - HAPPY NEW YEAR

POLK COUNTY AMATEUR RADIO OPERATORS

By Jim Gundry, W4JM

Welcome back all the snowbirds! N4GZX reports that he's feeling much better and hopes to have General Class soon. WB4NSQ probably has the best meeting attendance record of anybody; Charlie makes them all and that's great. K4AVP still trying to bowl 300 and telling Marty, xyl of W4JM, how to do the same! K4FEI sports a new TS-530. VE3BIS has been faithful in monitoring 142.45 all summer long. WB4ZVD/W44ZVB had a great vacation, going as far as VE4-land. Be sure and sign up for the December 16th Christmas Party at Raisuli's Restaurant, Lakeland. The ladies will handle this in November. Welcome to all at the every Wednesday luncheons, 11:30 a.m., Season's Restaurant, 4210 S. Florida Ave., Lakeland.

BROWARD AMATEUR RADIO CLUB

By Betts Barry, W44MJ

By the time this reaches you, the BARC will have elected new officers at the November meeting. We wish them a year of progress and accomplishment, which cannot be achieved without the whole-hearted support of each member. Let's greet 1984 with enthusiasm and enjoy participating in each club effort!

Speaking of enjoyment - those of us who provided communication at the Octoberfest, Oct. 22 & 23, are still talking about the fun we had - free food and drink, OOMPAPA bands and laughter. Wunderbar!

Saturday, Nov. 8, found us at Jacaranda working the March of Dimes Heart Run. It's a good feeling to provide a service which is needed and appreciated.

The joint picnic with the Fellowship Club will be held at TY Park on Nov. 13th. Bring your families, your appetite, and a covered dish. The club will provide meat, buns and sodas.

Then, on Sat., Dec. 10th, the Christmas Banquet at the Golden Spike. We can look forward to a fine dinner, but best of all - greeting each other at Holiday time. See you there!

PALM BEACH COUNTY AMATEUR RADIO COUNCIL, INC.

By Herb Gurián

The accidents of life were such that the history-making events of Grenada heavily involved the Palm Beach County amateur community and the Palm Beach Radio County Amateur Radio Council which coordinates the public service activities of this group. Because of the scope and importance of this amateur story, the history of the Palm Beach county amateur radio contribution is (we hope) published as a freestanding article elsewhere in this issue of Florida Skip. Our participation began when the Long Island, N.Y. headquarters of St. George's University contacted Richard (WB2VGL), a local amateur with a personal involvement in the school. Read the rest in the exciting story by PBARC President Manny (W4SS).

Back to the mundane with a ham vignette. N4FOC's license plate designation spotted and broadcast by the mobile unit of a local AM radio station. Acknowledgment within the hour by Bernie would win a fat cash prize for him. Judy (N4DVF) heard the announcement and immediately went after Bernie on 2 meters - he's mobile during the day. Judy contacted him in time for him to make the call and get the prize.

A nationwide SET (Simulated Emergency Test) was run Oct. 15th. Our EC (Emergency Coordinator) Bog, KE4VR, directed the amateur activities which were spiced up by the secretly planned disabling of a key repeater. The Red Cross Chairman, Jerry Krinn, was "caught" in Boca. He ran the Red Cross activities from the south section instead of his normal position at RC HQ in WPB with W4BUG as his communicator. Over 40 amateur operators participated. All bases were covered. Communications were heavy and circuits saturated. The net control operators were: North County - Leon (K2EWB), Central - Tom (N4FJL), South - Craig (WA4C). The PBARC VP's were section captains. There were operators on standby in the western section.

The PBARC Oct. 20th meeting at CD HQ included an extensive critique on the Oct. 15th SET. The operators were complimented for the excellent handling of the emergency within an emergency, the disabling of the key repeater at a crucial time. The overload of messages was recognized. There was discussion on means and ways of increasing message volume capability by various methods such as operator training.

PBARC provided communications for a Palm Beach Jr. College 50th Anniversary Celebration running event. Joe Macy (AA4JM, and Chairman of the Criminal Justice Dept. at the college) ran the event with Manny (W4SS) as net control. Participating

operators enjoyed excellent company, coffee "and", and gift of a commemorative "T" shirt at the pre-event assignment session. Students were delegated to assist the operators. (Thank you, thank you, Joe, for the company of charming Susan! -!-! your scribe.)

PANAMA CITY ARC

By Betty Vietinghoff, N4FEO

The Wednesday, Nov. 2nd business meeting of the Panama City Amateur Radio Club was the occasion for installation of new officers for 1984. Ralph Magarian, KB4ASM, 1983 Vice-president presided in the absence of the President, Don Elliott, KF4RS. Ralph expressed appreciation to his fellow officers, Skip Smith, KA4LQP, secretary and Jess Simmons, KA4VMZ, treasurer, for the fine job they had done in the past year. In turning the gavel over to the new President, Dorothy Harlan, KA4GYE, he pledged the support of the club to her and the new officers: Tom Giles, K4GVV; Vice-president; Mike Hagans, KA4VRC, secretary and Jess Simmons, KA4VMZ, treasurer.

On Friday, Nov. 4th, a banquet was held at the Western Steer Family Steak House in Parker to honor the new officers. The occasion was also used to honor various amateurs for their contribution to the club during the past year. The banquet tables were covered with lace tablecloths on which sat several floral arrangements in autumn colors flanked by candlelight. A floral arrangement and candlesticks formed the background for a center table which held a large cake embellished with the club logo. Following the invocation by Durel Brigman, K4RZM, and the pledge of allegiance, dinner and cake were served to the 40 amateurs that were present.

Guest speaker for the evening was Lan Hein s, W4WNY. Lan has been a 'Ham' for 35 years and holds an extra-class license. He spent 30 years in the Air Force in Electronics and Communications and for the past nine-and-one-half years has been with the Bureau of Disaster Preparedness as Communications Officer for the West Florida Area Emergency Operating Center (EOC) in DeFuniak Springs. Lan spoke of the primary reason for Amateur Radio - that of public service. Having been involved in many disasters such as hurricanes, the Cuban exodus crisis, and train derailments, specifically - Youngstown and Crestview, he has first-hand knowledge of the value of Amateur operators for the health and welfare of the public. He also spoke of the precepts of a good organization, stressing that a successful club has unity, fellowship, a common goal and mutual support.

Following Lan's speech, the past vice president presented the first annual "Ham of the Year" award to Charlie Hickman, N4DPU, for his dedication and hard work in getting the 2/10 repeater on the air. Mr. Magarian then presented the ARRL National Certificate of Merit to Betty Vietinghoff, N4FEO, for her contribution in serving the public interest of the community.

The new President took the podium to present the outgoing Presidential plaque to Don Elliott, KF4RS. Though Don was not present to accept the award, it was given in recognition of service and guidance throughout the past year. Mrs. Harlan also gave a plaque to Ralph Magarian, KB4ASM, as outstanding Club Chairman for his very successful handling of ticket sales for the various fundraising functions. The awards ceremony concluded with Ms. Harlan calling Joyce Fox to the podium to give a very special award to Raemarie (Skip) Smith, KA4LQP. The plaque was special recognition of the time, dedication, patience and support that "Skip" gave others in teaching amateur radio classes.

Following the awards, a door prize drawing was held. The 1984 ARRL Callbook was won by Joyce Fox, XYL of Charles Fox, NK4A.

NORTHERN FLORIDA NEWS

By Billy Williams, N4UF
SM, N. Fla. ARRL

The Grenada events of Oct. 25-27th provided much publicity for amateur radio in Northern Florida and also gave hams a golden opportunity to showcase the capabilities of amateur radio to the media. In Jacksonville, all 3 network affiliates sent reporters and camera crews to two hams stations to get the latest transmissions from Grenada. Several of the reports were live on prime-time newscasts. The reporters were fascinated by the viability of ham radio when no other source of information was available. Good TV coverage was also reported in Orlando as well. Staged drills such as Field Day are good sources of publicity but activity such as that of hams in the Grenada episode is good as gold. Due to the unique nature of the situation, this has to go down as one of the biggest amateur radio roles in modern history!

Field Day results were published in QST and the Florida Skip trophy (multi) rankings appear as follows:

- 1st Place - North Florida Amateur Radio Society, W4IZ - 12,698 Points; 4,386 QSOs, 7A.
- 2nd Place - Lake Monroe Amateur Radio Society, AJ4L - 9,964 Points; 3,207 QSOs, 5A.
- 3rd Place - Silver Springs Radio Club, W4WWW - 8,920 Points; 3,041 QSOs, 11A.
- 4th Place - Platinum Coast Amateur Radio Soc., AF4Z - 8,370 Points; 2,543 QSOs, 3A.
- 5th Place - West Palm Beach Amateur Radio Club, W4HAW - 5,734 Points; 2,362 QSOs, 6A.

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BROWARD AMATEUR RADIO CLUB

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NOFARS will retain the travelling Florida Skip Trophy. Congratulations to all the Northern Florida groups who entered and especially to those posting the high scores.

Central Florida continues to be a busy place activity-wise. The Lake-Sumter Training & Traffic Net (LSTTN) meets 7 nights per week and has 54 regular members after only one year of operation. Cooperation between them and other organizations is very thorough. All regular members are designated as RACES stations and net operation is concise with most sessions over in less than 15 minutes. Several former non-traffic amateurs have been schooled in net operations and a good staff of net controls has been trained. The group has also been very active in submitting station activity reports so that all their efforts are documented. Activity in the recent SET was very good. The net meets each night at 7 p.m. Eastern on the 145.39 Mhz. repeater. Congratulations to DEC Ken Tolliver, NQ4P and the staff for a top notch operation!

The Seminole VHF Traffic Net (SVTN) also continues to handle messages in a timely fashion and report activity to me. Add to that the East Orange Emergency Net (EOEN) which has been very active and it is no wonder that Central Florida runs circles around the rest of the section in this phase of amateur radio. Congratulations to KB4LB and WD4HBP of SVTN and KD4QZ of EOEN along with W4LUW for a great job!

The Gainesville ARS operated from the Alachua County Fair with phone and C.W. message handling being promoted along with the benefits of becoming an amateur radio operator. Also the University of Fla. homecoming parade was coordinated by amateur operators there.

In Daytona Beach, W4MB was the guest on WNDB radio's talk show and discussed recent activities of the International Telecommunications Union. KA4DCF of Tallahassee was a guest moderator on WFSU-TV there. N7SD and KB4GW have graduated 6 brand new hams!

The Playground Amateur Radio Club viewed ARRL's new video tape *Amateur Radio's Newest Frontier*. WB9RKJ reports rave reviews from the members there. The Crestview repeater on 147.96/36 hosts the VHF Traffic Net each night except Sat. at 8 p.m. Central Time. W4BVE is a new naturalized U.S. citizen. Dates for the N.W. Florida Swapfest at Ft. Walton Beach are March 17-18, 1984 at the usual location.

The Orlando Amateur Radio Club is circulating a questionnaire to members to gauge interest in potential club activities and gather data for future decisions. It is one of the most thorough surveys I have ever seen. If your club is considering new activities, you might drop KY4F an SASE for a copy.

With the holidays approaching, many clubs are planning banquets/parties. The Orange Park ARC has set their for Dec. 15th at the Western Steer Steakhouse on Kingsley Ave. The North Florida ARS has scheduled theirs for the Best Western restaurant near the Jax Hamfest site at U.S. 17 and I-295. Contact N4GNP for info on the OPARC party and WB4ANW for NOFARS. New Chairman of the Jax Hamfest Assn. is Vic Mahler, NX4F. Dates will again be the first weekend in August 1984.

The weekly ARES Net in Hernando Co. is off and running according to the new EC there who is Dave, WB4TPG. The Hernando Co. ARA meets at CD HQ.

A new ham in Tallahassee is N4JEL. KA4YLC has upgraded to Tch. KA4YLU has a new telephone pole for his beams. WB4LNO and N4WA are planning a novice class for the Tallahassee area.

Hams in East Pasco have been active. The nationally-known San Antonio Rattlesnake Festival was covered by KF4KF, KB4DF, KA1BK, K3IC, WD4BRB and WB4YQP and a public events ham station. The Dade's Rendezvous (Dade City) has W8HJH, WB9LMQ, K3IC and WB4YQP assisting with comm. The Silver Springs Radio Club (near Ocala) set up a ham station at the Dunnellon Air Show. WD4RJI reports over 30 operators participated.

Dates for the 1984 Florida QSO Party are May 5th and 6th. This year the North Florida Amateur Radio Society will act as custodian with overall sponsorship by Florida Skip. Thanks to W4IYT and the Skip crew for their continued assistance. While recently the number of entries received hasn't set Fla. ablaze, the FQSQP is one of the better ones in the U.S. and I am confident participation will increase.

INDIAN RIVER AMATEUR RADIO CLUB

By Gloria Wallace, KA4ZCD

Hi fellows, well I missed the last meeting and had to rely on Bill, WB4WYG for the information that I need for the "Skip" article. The next meeting will be held on Wednesday before Thanksgiving Day. Since it is election night it was decided that we should ask the bank for the room on Wednesday evening instead of Thursday. Just don't think we could get many people away from the turkey.

The nomination committee made their report as follows: President Orton Duggan; Vice Pres. Ted Wallace, Wally Jones; Secretary Bill Richards; and Treasurer Larry Loper. Looks like a fine slate of officers and election will be the December meeting.

The White Elephant sale was a very nice success with Andy, W4PRK, as the auctioneer. Some very attractive "elephants" were sold to the high bidders, with spirited bidding on some of the small items. A nice time was had by all, and the sale netted about \$120.00 for the door prize fund. I am sure happy Ted didn't make it to the meeting, he has enough "elephants" now.

There were two visitors present. Carl, AA4MI, gave an update on the STS-9 upcoming launch.

HILLSBOROUGH AMATEUR RADIO SOCIETY

By Winona, KA4MEW

Good news was heard this week for our ham friend, Butch Howard, WB4EXP, who has been on the "sick list" recently. He is on the mend and transmitting from his couch now instead of the bed, using his hand-held rig. Hang in there, Butch, we are looking forward to seeing you out and about.

Thursday, October 27th was our regular business meeting held at the North Tampa Public Library on North Blvd. and Busch Blvd. The nominating committee chairman presented a slate of officers for 1984. Upon a unanimous vote, the 1984 officers are: President, Bill Verdelotti, KA4IQU; Vice President, Dick Berg, N4BLH; Secretary, Everett Hale, KA4IZQ; and Treasurer, Conrad Keibler, WB4ARS.

Educational Chairman Jim Shipman, KC4PI, announced that Novice Classes will begin on January 4th (Wednesday) at the Town 'N Country Public Library meeting room on Paula Drive. It will continue for nine (9) weeks with lessons in theory and International Morse code instructed by Bill Verdelotti. Anyone who desires more information may call Jim at 884-1136 or Bill at 884-7917 in Tampa.

The members of HARS are now "sporting" new silver colored windbreaker jackets with the HARS logo, their name and call sign.

The treasurer reminded us that annual membership dues will become delinquent this month - let's make it 100% paid before January 1.

Our annual Ham and Computer Fest was held at Ft. Hesterly Armory on November 12th and was well attended. Much interest was generated among the computer dealers and users' groups. Thanks to all the hams who participated with their swap tables and "goodies" for sale. We appreciate all the concession and the public attendance to make this 1983 Fest a success.



Amateurs in Zephyrhills got together with their City Fathers - City Mayor, Fire Chief and some councilmen for a "little Pow-wow" which really paid off. How many other Florida clubs have made a visit to their City Officials and offered their communications services. (Photo via WB4AOG)

KNIGHTS OF THE KILOCYCLE

By John Witherspoon, W4GUJ

You may have noticed that this column failed to appear last month because of late mailing and slow U.S. mail was the reason. Hope things change in the future.

We welcome back Roy, KA4WDP, from his extended vacation in North Carolina. I guess we will be welcoming back a few others as the snowbirds start arriving.

We are very sorry to report that Bob, W4CEK, is in the hospital but we are looking forward to hearing his happy voice very soon.

I think it was our meeting of October 16 that was nostalgia day on the K. of Kc. So many of the old-timers were remembered and it's always so nice to look back at some of the happy days we had with them.

By the time you read this Walt, WG4I and Alice, N4HYL should be back in Fla. from their N.C. home.

We are looking for someone to take over this column as of December or January. I have been doing it a year and I think now is the time it should be given to someone else. Please let our MO Earl know if you can.

Please check-in with us each Sunday morning at 7:30 on 3910 Khz. Roll call at this time is - top twenty - W8NBU, W4DVR, W4SVB, K4ANJ, W4DNS, W4BCZ, K9BSL, K4IXH, K4CMK, W4OMV, WB4FJY, W4TZ, N4AF, N4HBW, W4DTS, W4AZTY, KF4OA, W4JZV, K4WR, W4GUJ.

HOLLYWOOD AMATEUR RADIO CLUB, INC.

By Marie Snow, W4KXQ

The Hollywood Amateur Radio Club has scheduled its Awards Night and Christmas Party on Monday, December 19th at the Sands Lounge, 3690 S. State Road 7, Miramar. In addition to the presentation of 1983 awards, the program will include the club's ever-popular Yankee Auction. Call Minnie Levine, W4RLS, at 989-2355 for reservations and information.

HARC was awarded a ribbon for its display at Pioneer Days, sponsored by the Broward County Historical Society in October. The HARC booth included Slow Scan TV, message handling and traffic as well as pictorial displays of club activities. Information on Amateur Radio was also made available to the public.

Chairman of Pioneer Days was Tom Middleton, WB4CKY, assisted by Joy Middleton, Jack, KA4KTP, and Hilda Kressel, Paul Manaker, KA4UBC, Lee Ranger, KM4Y, Les Dwyer, KA4B, and Marie, W4KXQ, and Art, W4LLQ, Snow.

TAMPA AMATEUR RADIO CLUB, INC., W4DUG

By "Cy" Connolly, W4DVO

Last meeting October, well attended. Larry Gispert, KR4X, gave report on recent "SET", Emergency Test. Said results were very good. It was reported that one, Emergency Power, Motor Generator needs repairs. Art Gibson, KA4WNZ, will get parts and install, FB OM. One insurance policy on club gear has been cancelled. Gordon, WB4RHY, will get bids for new policy. Also, Gordon, reported Christmas Party can be arranged for December 8th, at Elk's Club, Gandy Blvd., near Himes Avenue. Menu is very good and prices reasonable. 'Nuff sed! More info. in club bulletin.

John, WSAI, has new Kenwood, TS 520, and will be on air soon as his antenna is put up! Club net proposed for weekly operation on 2 meters FM. This should be good club activity. EZ, NJ40, took trip through Ala., Miss. and La. and home soon. Next meeting November 7th, then November 21st. Happy Thanksgiving to all, 73.

KNIGHTS OF THE KILOCYCLE

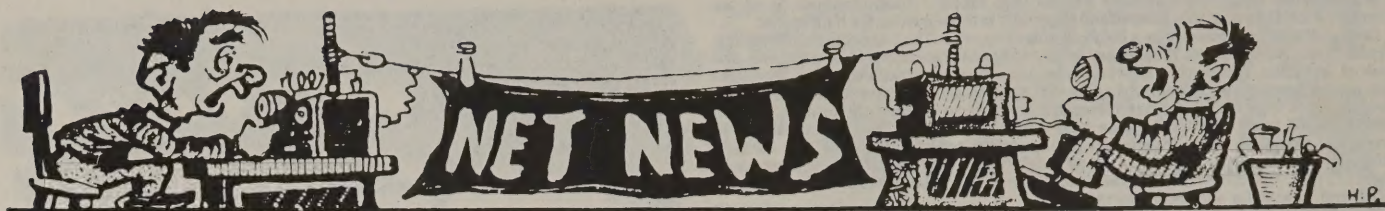
By John Witherspoon, W4GUJ

As we start a new six months period we would like to welcome back our same slate of officers for another six months.

We welcome two new members Walt, KF4OA from Leesburg and Harold, K4RLK from Titusville with numbers 452 and 453.

We have been having good propagation conditions and with winter coming on it should get better.

Remember we meet each Sunday morning at 7:30 A.M. Please check in with us. Roll call for the top ten is as follows: W4BKC, W4DVR, W8NBU, W4SVB, K4ANJ, W4DNS, W4BCZ, K9BSL, K4IXH, K4CMK, W4OMV, W4CBK, WB4FJY, N4FLG, W4YWN, W4TZ, N4AF, W4TCT, N4HBW, W4WPB.



TRAFFIC HOUNDS — OCTOBER 1983

By K4ZK

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	1350	43.5	935	30.2	31	WB4AID
QFN	1075	16.8	745	11.6	64	WB4GHU
NFPN	1335	43.1	405	13.1	31	WF4Y
TPTN	655	21.1	403	13.0	31	KF4YE
GN	515	16.6	352	11.3	31	KF4U
IATN	633	18.1	256	7.3	35	W4PPC
FAST	599	9.8	245	4.0	61	WD4HHH
FPTN	1105	35.6	232	7.5	31	WB4WYG
SEFTN	898	29.0	205	6.6	31	KF4RL
SVTN	564	18.2	179	5.8	31	KB4LB
FMSN	426	13.7	146	4.7	31	AA4FG
FPON	536	17.3	134	4.3	31	WB4GCK
SWFTN	1013	39.0	133	5.1	26	K4JLL
QFNS	287	9.3	88	2.8	31	KA4AMC
VEN	356	11.5	63	2.0	31	W4LDY
PEN	232	11.6	57	2.8	20	W4GPL
SPARC	1374	44.3	55	1.8	31	K5IHH
ENMC	121	13.4	51	5.7	9	K4ZK
PRVAN	35	7.0	21	4.2	5	K4VSN
CFRN	51	2.1	20	.8	24	WB4GHU
EOEN	54	11.0	20	4.0	5	W4LUW
DEN	88	22.0	11	2.8	4	KA4GUS
LCEN	108	27.0	4	1.0	4	WB2OUK
BEN	97	24.2	2	.5	4	K7LCA

TOP TWENTY TRAFFICERS By WA4PFK & N4UF

1. W3CUL	3241	11. WA4QXT	286
2. W3VR	831	12. WD4HBP	265
3. WF4X	674	13. WB4GHU	258
4. WD4COL	564	14. K4IA	248
5. WF4Y	529	15. WB4AID	224
6. WA4PFK	500	16. KA4AMC	213
7. N4PL	429	17. K4EUK	202
8. K4ZK	426	18. WA4ADL	197
9. WA4EIC	374	19. KA4GUS	187
10. N4GDT	297	20. W4SS	187

FLORIDA MIDDAY TRAFFIC NET By Al Suhr, WB4AID

SET went over fairly well. There are some points in message handling which need review: Some stations sent an activity report under the precedence of 'PRIORITY' when it should have been classified as 'ROUTINE'. Priority should only be used as outlined on the title page of ARRL Form CD 218. As a matter of fact Form 218 is useful in all cases of message handling. We heard some unusual phonetics, too. In phone work, the standardization of phonetics was found necessary in order to assure accuracy. See

page 15 of CD-4, "Operating an Amateur Radio Station," an ARRL publication, current issue.

Some stations were not on net frequency and had to either be relayed or copied under adversity by a patient and considerate NCS. AND — what about the 'Q' signals being used on phone! Refer to Form 218 and you will learn this 'Q' signal is intended for CW use.

Now — for the good side of SET: Cooperation was at an all time HIGH. Courtesy was extremely well practiced as was patience and soft voices. Also noted was the cooperation of non-participating stations who understood the need for clear frequencies, this we appreciate very much. Only ask for it once a year. FMTN NCS's were all "on the ball" as were those of other nets this writer observed. There was also a new rapidity of message handling that gained this year over other years. The two STM's are to be congratulated in the current "EMERGENCY OPERATIONS SCHEDULE FOR FLORIDA SECTION NETS", it is such a relief not to find FMTN on from 10 A.M. 'til 5 P.M. Thank you WF4X and K4ZK.

Welcome Back to: VE3SI Graham of Cape Coral; WO4L Ron of Oakland Park and W4SME Doc of Micco, who were reinstated to the rolls of FMTN. New members this month are W1HXX Bill of Lake Panasoffkee; KA4FST/TP Ed of Winter Park and KA4KSQ Richard of Sanibel. Welcome to the roll call of FMTN fellows.

FMTN meets daily at 1700Z on 7247 KHz — see you there. AND, Thanks, Andy, for including the "lost" Traffic Hounds report in the November issue of Florida Skip.

THE GATOR NET

By Walt, KF4U

Daily 0830 Eastern, 0730 Central

7068 KHz.

Gator Net welcomes all stations. No formal request for membership is necessary. As this is written the clocks have been turned back and Gator Net check-ins and traffic have picked up considerably from the summer level. Conditions have been excellent and QRM not too troublesome. Jan, WD4AWN, has a new vertical antenna which seems to have solved her 40 meter interference problem. Her signal is good S-9 here in Winter Park. Have just heard that Rick, WS4K, was off due to rig trouble but he is back in business now and QNI GN. George, K4JI, is taking a short vacation in the Keys. Hope you had a nice time, George. Don, N4ET, has taken over the Wednesday NCS spot vacated by Joe, W4KLY. Joe was having vision problems but we are pleased that he is still able to check into the Net. Regis, W4ILE, is checking in from a park near Chipley and is bringing in some traffic. Gator Net participated in the annual SET on October 15 and 16 as scheduled. The Net frequency was monitored one hour both Saturday and Sunday. Twenty-four stations checked in and passed 28 messages. Emergency power was used by KB9LT, W4DTV, WA4PFK and NF4O. October statistics show W3CUL, KB9LT and K4TH were QNI 100%. Runners-up were W4DVO, K4JI and KY4U with 30 each; KF4U with 29; WA4EYU and WF4X with 27; WA4JDH and W4KLY with 25 check-ins. 73 and CU on GN.

WINTER TRAFFIC NET SCHEDULE

Time EST	Time UTC	Days	Net Name	mHz. Freq.	Net Manager
0700	1200	Daily	Florida Phone Traffic Net (FPTN)	3,940	WB4WYG
0830	1330	Daily	Gator Net (GN)	7,066	KF4U
1200	1700	Daily	Florida Midday Traffic Net (TMTN)	7,247	WB4AID
1700	2200	Daily	Tropical Phone Traffic Net (TPTN)	3,940	KF4YE
1730	2230	Daily	Florida Medium Speed CW Net	3,651	AA4FG
1800	2300	Daily	FAST Net (Early Session)	3,940	WD4HHH
1830	2330	Daily	Northern Florida Phone Net (NFPN)	3,950	WF4Y
1900	0000	Daily	QFN-The All-Fla. CW Net (Early Session)	3,651	WB4GHU
2000	0100	Daily	QFNS-Slow Speed CW Net	3,715	KA4AMC
2200	0200	Daily	QFN-The All-Fla. CW Net Late Session	3,651	WB4GHU
2230	0230	Daily	FAST Net (Late Session)	3,940	WD4HHH
0800	1300	Sat.	ARRL Information Net (AIN)	3,940	KB4T

FLORIDA PHONE TRAFFIC NET

3940 Khz By Don Fontaine, N4ET 0700 EST Daily

During the S.E.T. last month the FPTN was conducted in an excellent manner and Bill, WB4WYG, our net manager is very proud of us. Nice going, people.

A few old-timers are back with us again after summer vacations or other reasons. Welcome back to Doc, W4SME and Gary, WA4HHC. Also, a big welcome to new members KA4POM, Olie in Pompano Beach, K2RUI, Sandy in Lantana and WB4ZVD, Russ in Lakeland.

With the heavy traffic season upon us it might be a good idea to refresh our NTS net procedures. Two ARRL pamphlets that are an excellent source of information are "Operating An Amateur Radio Station" and "Public Service Communications". Both of these pamphlets may be obtained by writing to ARRL Headquarters. They are also available at the ARRL booth at all hamfests. Details of how the NTS operates from local nets up to the area nets are spelled out. When we all operate within the rules traffic handling can be a lot of fun.

Probably the most misunderstood of net procedures is the QNY function. When two (or more) stations are to be sent off the net frequency the NCS will do so by telling them to move up or down a number of khz. Normally, the station who is to receive the traffic will call the sending station. He first finds a clear spot near the frequency the NCS specified and calls the sending station. It is the responsibility of the sending station to find the receive station. This usually requires some amount of "dial rocking". Do not expect to find the receive station smack on the frequency the NCS gave. It's a rare time indeed when this occurs.

Net QNI is building back up again and this month's "Golden Cookie" recipient is Dan, WB4TZR. Congrats, Dan.

High QNI for October:

100% — W4BCX, W4BKC, WD4FNX, KD4KK, K4SJA and WB4TZR.

95% — K4BLM, N4EOW, WB4SOU and WB4WYG.

90% — WA4EIC, WA4EYU, KA4NXF, WA4QXT and KE4RL.

85% — WA4JDH and KA4TTS. 80% — WB4ADL, K4EJW, WB4EXA nad W4GUJ.

FLORIDA MEDIUM SPEED NET

3715 Khz By Fred, AA4FG 1730 EST Daily

The change back to 80 meters and to standard time has helped the QRM situation greatly on FMSN. Conditions will probably continue to improve next month.

FMSN did very well in the 1983 SET, operating one hour on each day, and handling 30 messages. Thanks to the NCS and liaison stations for a good job.

Jim, KA4AMC was our leading QNI station this month with 31 check-ins for 100%. He was closely followed by WD4MLQ with 30, WD4NXF with 28 and W4DL with 27. Dan, W4DL was also our leading QFN rep.

We are looking forward to the publication of the A-1 Bulletin, where further net statistics will appear.

Thanks to Mark, KY4U who brings us a lot of traffic from the Tropical net.

George, WB4YQP has taken over the Saturday slot as regular

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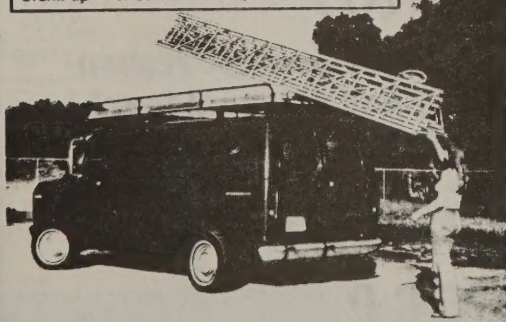
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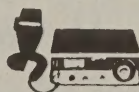


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73 & DX

NCS. Walt, WA4QXT and Jim, WF4Y have been giving a hand as substitute NCS.

We welcome all stations, especially Novices. Our coverage of the state is fairly good now, but we would especially like to have stations QNI from the Jax, Daytona Beach and Tallahassee areas.

Hope all members can attend the FMSN meeting at the Clearwater Convention on November 26th.

GIVING THANKS

By Marge Campbell, K4RNS

We pause each year in November
To give our thanks and praise
With family and friends and dinner
On what is known as Thanksgiving Day.

Not only are thanks for worldly goods
And the state of our health as well
But also for our loved ones
And those folks who are so "swell."

Thanks go to our club officers
Working hard on our behalf
Spending hours of time on club business
They never do things just half.

Let's not forget the BALANCED MODULATOR
Our club's outstanding publication
And all the ones who make it possible
And the hours of dedication.

So be merry all you lads and lassies
Have a nice Thanksgiving dinner
Give thanks that you are an American
'Cause that makes you a winner.

(From BALANCED MODULATOR — NOFARS)



Met Tim Popovick WB8PRK/4 ex-YR5FW, YU7BJ, YU1FR now living in Bradenton, Florida. Tim became a U. S. Citizen in 1971 and moved here from Warren, OH. He wrote a very interesting story 26 years ago for CQ when he was YU1RF. As you can see, he loves his DX.

N4EWF, N4BOY; 70% to 90% check-ins were: N4BZH, KD4IU, N4BKY, WD4HBP, NS4C, K4AJV, W4GUJ, KA4YLU, KF4RV, N4BIM.

See you on NFPN. Please bring traffic!

EVENT STATION

K4HML

The Coronado Wireless Assoc., will operate a special event Station, K4HML, at Christmas, Florida on December 17 and 18 from 1400 to 2200 Z at frequency 10 KC up from low end of General bands of 40, 20, 15, and 10. A special QSL in return for SASE to K4HML, P.O. Box 1, Edgewater, FL 32032.

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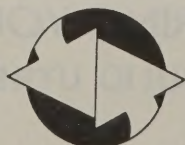
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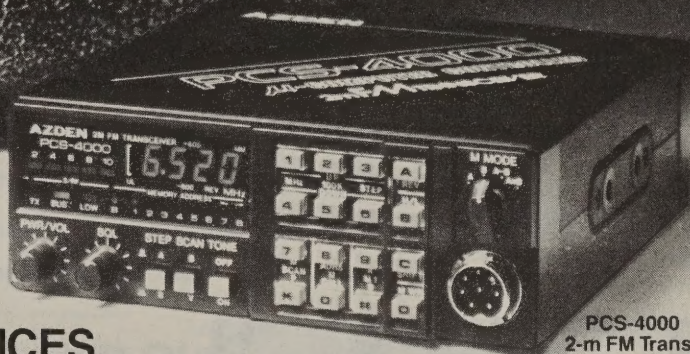
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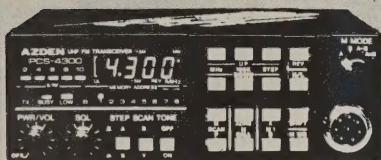


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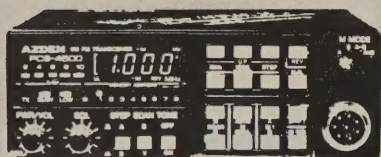
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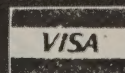
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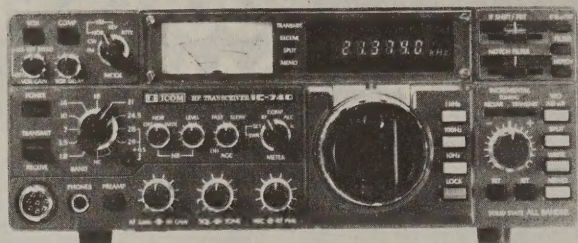
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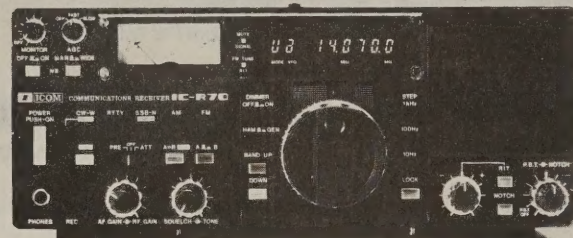


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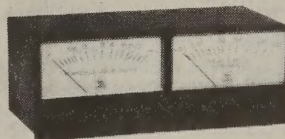
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METROPOLITAN REPEATER CLUB

By Eli Nannis, K4JMH

The attendance at the October 27th meeting was 53 members and guests and some of our northern members are starting to return to the warm sunshine of Florida. Jani, KO4J, provided the program by playing a demonstration tape of the Advanced Computer Control RC-850 Repeater Controller. This repeater is the highest state of the art in communications. It's really unbelievable, the functions that this repeater can do. Our members were so impressed with the demonstration, it is voted to purchase one to replace our present repeater on 96/36.

The following members were nominated and voted in as our officers for 1984: Dayle LeBeau, W4MUV, President; Bob Smith, W4EGM, Vice President; Bob Kates, WA4PGS, Secretary, and Dottie LeBeau, KA4CYA as Treasurer. It was voted to insure our equipment with the ARRL equipment insurance policy.

Five new members were voted into our club: KB4BTY, N4JCU, KB4DWG, KB4FFP and XYL of WD4ONZ. The installation dinner will be held at the Brown Derby Restaurant on Nov. 13th. A boat trip and dinner is planned on the "Captain Anderson" on Dec. 9th. Ray, N4JCT, upgraded his license to a general and Dick, KA4ZPG, upgraded to advanced.

It was noted that our club was not listed in the Florida Skip Directory, so it was voted to list the club in the directory. A report was given the FGARC meeting.

The Clearwater Convention is coming along well and many of our club members are on the convention committee.

THE CLEARWATER AMATEUR RADIO SOCIETY

By Eli Nannis, K4JMH

The attendance at the Oct. 13th meeting was 35 members and guests. We were honored by having the Vice Director of the SE Div. ARRL, Evelyn Gauzins, W4WYR, as our guest speaker. She had just returned from the annual ARRL meeting in Houston, TX. She discussed the many subjects that came up at that meeting. Jim, W4DPH, had a rundown on the Simulated Emergency Test (SET) to be held on Oct. 15, 16 and how to handle messages. Many of our members helped maintain communication at the Triathlon which was held at Fort DeSoto Park in St. Petersburg. Lou, K4HWS, gave his financial report and advised that he would not be running for Treasurer at the next election. He has been treasurer for quite a few years and he has done a fine job in keeping our funds in order. A report was given on the coming Clearwater ARRL convention and quite a few of our members are on the convention committee. We are now considering purchasing a 440 repeater at a very reasonable price. A decision will be made at the next Board meeting. Our Field Day report was given and it is believed that we did quite well for the class that we were in. Ballots have been sent out and all ARRL members should have one. Our Christmas Party will be held at the Parness Restaurant located in Clearwater, and the tentative date is Dec. 17th. The Officers nominated for 1984 were Ted Jeffries, ND4K, for President; Marilyn Cavallaro, KB4FLV, for Vice President; Eli Nannis, K4JMH, for Secretary; and Jim Homan, W4DPH, for Treasurer. We thank the out-going Officers Ray Lee, WB4TEJ, Herry Keith, KA4HWY, and Lou Weber, K4HWS, for an excellent job this year. A club picnic was held at Taylor Park in Largo on Oct. 23rd and those attending had a fine time with excellent weather.

Club QSY P. 16

FCC REQUEST

Amateurs desiring to supply questions or other material for use in the All Volunteer Testing Program are asked to send the material to the Private Radio Bureau, FCC, 1919 "M" St., N.W., Washington D.C. 20554. Mark the envelope "ATTN: John B. Johnston - A/R test material" for speedy delivery.

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Exams for Extra, Advance, General, Technician and Novice Class licenses will be conducted on Saturday, Feb. 4th. Send a completed 610 form with a notation "For Miami Hamboree" under your signature on the form to Dade Radio Club, address above. The 610 form must be in Hamboree office by January 15th. You will receive an appointment card notifying you of the exam time, bring this card with you for admission to the exam area.

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- HOURLY SHOWSTOPPER AWARDS
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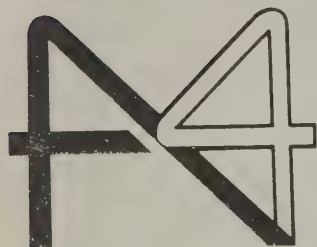
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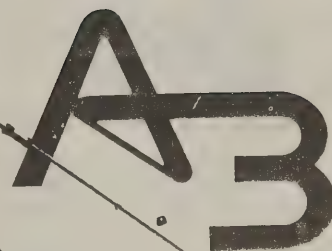


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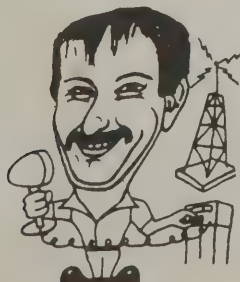
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ARX-450	435-470 Ringo Ranger	3	39.95	30.00
ARX-450B	435-470 Ringo Ranger II	4	49.00	38.00
A147-4	146-148 MHz 4 element	3	36.95	28.00
A147-11	146-148 MHz 11 element	6	64.95	47.00
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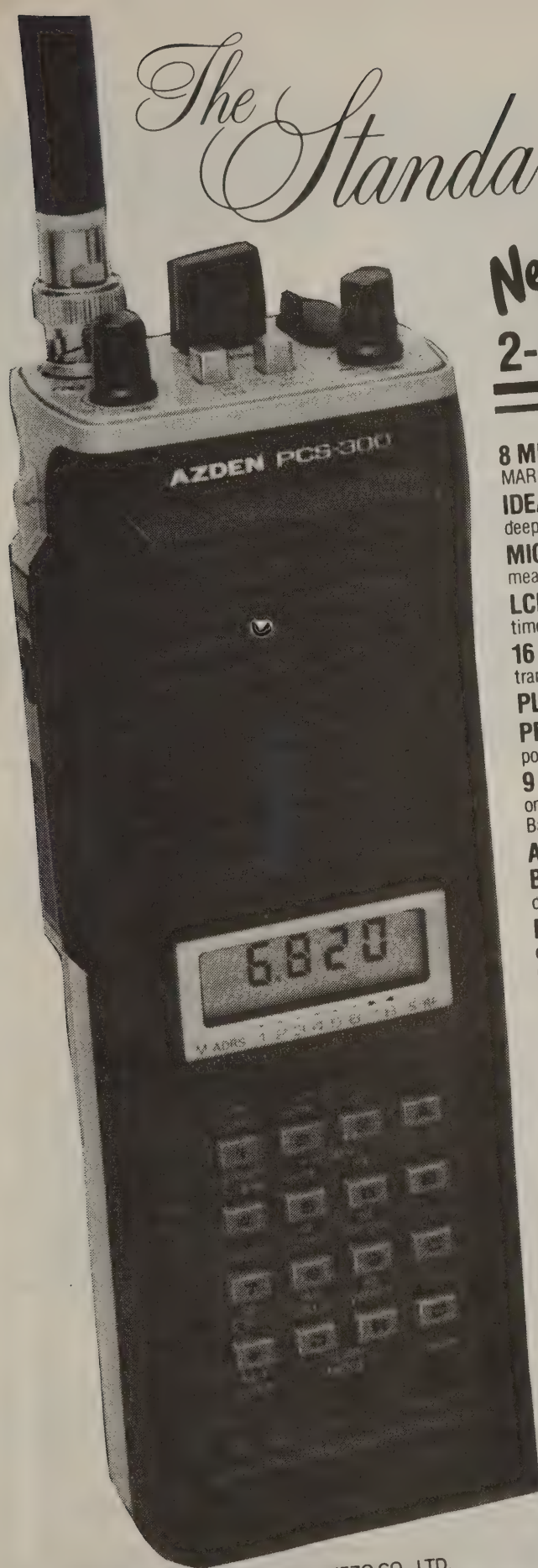
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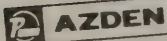
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SEASONS GREETINGS

By Carl S. Zelig, AA4MI

Here are foreign phrases for use on QSLs or during those DX QSOs:

English: Merry Christmas / Happy New Year
 French: Joyeux Noel / Bonne Annee
 German: Froliche Weinachten / Gluecklich Neu Jahr
 Italian: Allegro Natale / Felice Nuovo Anno
 Spanish: Felices Pascuas / Feliz Ano Nuevo
 Swedish: God Jul / Gott Nytt Ar
 Yiddish: Freylekh Nitzl / Gliklekh Nay Yor

I have found that by using these phrases during the holiday period, I can increase my signal reports at least 2 S units. Also, my QSL return rate is much improved. I find my mail box just stuffed with QSLs and you will too!

Club Fm P 11

QCWA STATE NEWS

Edited by Eli Nannis, K4JMH

It was reported that the Colorado Convention was a huge success and the newly elected members of the Board met in their first session. Jim Walsh, W7LVN, was elected to serve the unexpired term of Max Arnold as QCWA secretary.

The following are some of the items voted and passed at the meeting. QCWA banners will no longer be free. The chapter will have to pay 50% of the cost. The 50 year continuously licensed certificate was re-instated. The cost will be \$5.00 to those eligible. Application forms for this certificate may be obtained from HQ. The 1984 QCWA Convention will be held on September 21, 22, 23 at Howard Johnson's in Hartford, Conn. The poll of QCWA members on the adoption of a "no code" license for amateur radio was 50 to 1 against it. All the actions by the Board will be in the next issue of the QCWA News. HQ requests the names, calls and addresses of new chapter officers being elected for 1984.

We hope to see many QCWA members at the State ARRL convention in Clearwater on November 26, 27, 1983. Send in your request for tickets for the QCWA luncheon on Saturday, November 26th. Come and meet Stu Meyer and Vic Clark. Bring your QSL card as a prize will be given for the best and most original card.

SUWANNEE CHAPTER: Our chapter held its bi-monthly meeting at the Holiday Inn in Silver Springs, FL on Sat., Oct. 22nd with more than 40 members and guests in attendance. Earlier in the month, ballots were mailed to all members with the nominees. The results were announced to the members. Fran, K2CEP, was forced to withdraw her name as secretary/treasurer due to an unfortunate accident in which her nothern QTH was destroyed by fire. Hugh, W4JOP, was nominated from the floor for this office. The officers for 1984 are Ray Chartier, W1RFE, President; Harley Creaser, K4CMK, Vice President; Hugh Henline, W4JOP, Secretary/Treasurer; Stan Pierce, W4IXH and Gene Cain, W1LFE, Executive Committee. Our guest speaker was Art Lyon, KC4OM, of the Lyon Travel Service of Ocala. His talk was on "How to shop for air fare and travel bargains." It was very interesting and he touched briefly on the plight of the air lines since deregulation. He also made some vacation bargain suggestions. The next meeting will be the annual Christmas party at the same location on Dec. 10th and each member was requested to bring an inexpensive gift.

—Reported by Ray Chartier, W1RFE
GATOR CHAPTER: The attendance at the chapter meeting on Oct. 1st was 43 members and guests. We had a very timely program. It was entitled "You and Your Social Security Check" and the speaker was John Chupp, a Certified Financial Planner for A.G. Edwards and Sons, Inc. He explained how the new IRS law effects social security. Plans were formulated for the QCWA activities at the Clearwater ARRL convention Nov. 26, 27, 1983. Our Treasurer George Rae, K4TH, had his usual thorough report and he then advised that he is resigning as treasurer. His resignation was reluctantly accepted. Ed Powers also advised that he will resign as Vice President as of the first of the year. We will need a new treasurer immediately and two new directors and a vice president at the next election next month. Harold, K4GVN, is celebrating his 54th wedding anniversary this month. Twenty-eight members were pooled on the number of years licensed in amateur radio and the total was 1,394 years or an average of almost 50 years. A speaker from GTE will be our guest at our November meeting. One of our members, Tom Abernathy, W4AYX, is now a silent key. Les Pulley, W4DH, now has a 70 year certificate. At our Board meeting in October, Bill Turner, W2WV, was elected to fill out the term of Treasurer, and Lou, K4HWS, was elected to remain on the Board and fill out the term of W2WV. Harold Grigsby, AA4MF, and Bill Pennhalegon, W4STX, were nominated for the two Board vacancies in 1984. The next meeting will be our 18th anniversary of the Gator chapter.

PELICAN CHAPTER: Thirty-three members and guests attended the chapter meeting on October 19th at the Sea Ketch Restaurant. Wes Randles, W4COW, QCWA National Treasurer, gave a detailed report on the recent QCWA National Convention in Denver. The next meeting will be the annual fall outing and it will be a cruise and luncheon on a yacht from a pier in St. Petersburg. It will be a two-hour cruise and a fine luncheon.

—Reported by Art Monsees, W4BK
TREASURE COAST CHAPTER: Once again we are having the chapter luncheon in conjunction with the Treasure Coast Hamfest in Vero Beach on Nov. 19. The luncheon will be at the Sheraton Regency Resort Motel.

—Reported by Jerry Dewalt, W3BL
HALIFAX CHAPTER: The next meeting will be held Oct. 29th at the Holiday Harbor House Restaurant, Port Orange. Every member has been given a copy of the roster which shows the due date for national QCWA dues. We ask all our members to check the dates carefully. Chapter dues were due at the end of July. It has been suggested that in each of our chapter bulletins we should include a brief "get acquainted" paragraph or two about one of our members and his past experiences in radio, amateur or otherwise. More improvements and additions to the features of the K2BV repeater. Frank, KB4T, and his crew have done a fine job of providing the best repeater for miles around.

—Reported by Ernie Curry, W1KZS
SPACEPORT CHAPTER: The attendance at the Oct. 15th meeting was 35 members and guests. A nominating committee was made up of Walt, W3JXL, Guy, W4HUV and Don, N4IN, and they are to report slate of officers at the next meeting. It was suggested that the secretary send out a post card to the members reminding them of the coming meetings. Don, N4IN, attended the national QCWA convention and he gave a report on the important item taken up at the meeting. He also had breakfast with Astronaut Owen Garriott and hearing his comments on the proposed 2 meter activity on STS 9. A video tape regarding amateur radio and the space program was shown at the close of the meeting.

—Reported by Charlie, K4KCN



How many of you all DXers remember VP1AA, Dwight, from British Hond. at Robinson's point, 10 miles south of Fort George? Well here he is now living in Tampa under the call of WA4TJW. Ye Ed remember working VP1AA back in the late 40's. Welcome to Florida OM.

CENTRAL FLORIDA CHAPTER QCWA (No. 107): W4SVB, W4YRK, W2HGV, W4JM and their xyls attended the Highlands Chapter November 2nd meeting in Sebring. W4SVB reported on his visit with the German Chapter QCWA. A good time was had by all! New equipment: W2HGV a TS-820, K4FEI a TS-530 and W4JM a IC-730... what ever happened to push-pull UX210s? The Saturday, 10:00 a.m., Net on 7243 kHz is going great. Suggest more of us do general operating around that frequency to pick up some great QSOs. Our December 10th meeting at The Sirloin Family Steakhouse, 3105 U.S. Hwy. 98 N., Lakeland, 11:45 a.m., will be our Christmas meeting. Be sure and bring an inexpensive gift; men a man's and ladies a lady's, so that Santa Claus won't disappoint anybody. If a snowbird QCWA'r is reading this, you are invited to come and bring your xyl! The more the merrier! Good health to all in 1984!!

—73, W9HOH

LAKELAND REPEATER ASSOCIATION, INC.

Open Repeater: 146.085-685

Nominations and election of officers is coming up. The new crew is sure to carry on the fine traditions of the past. Be sure and support your candidates! W14F, NW4R and WA4OZA have been working to revive the tie-in with the Red Cross. The antennas are being repaired and soon we'll be better able to offer more public service from the Red Cross building in an emergency. N4ZH has his radio classes going FB and he's trying to WAS on 75 meters. N4GZX is feeling better and back with us. WB4AZQ is shooting par golf (on some holes!). The December 5th meeting, at 7:30 p.m., will be at Season's Restaurant, 4210 S. Florida Ave., Lakeland. Y'all come. 73, W4JM.

ST. PETERSBURG AMATEUR RADIO CLUB

By Cathy Soehl, W4BAV/ARNS

W4GPL-Rex, participating in the mini-marathon at Ft. DeSoto, was called over by a group, who placed an autographed "whiplash collar" on him to avoid any complaints as last year. He put the collar on before going in the house and luckily Thelma did not have a rolling pin handy, as the gag did not go over so good. Hi!

W4PKH-James Dwyer became a Silent Key recently. Our heartfelt sympathy to the family.

K48COZ-Dorothy has a new Cushcraft 2-meter beam and sounding good. Thanks, Fellows, for helping her out.

N4IPO-Joel acquired a new linear for the lower bands. Good luck!

W4MAK-Henry doing O.K. after being hospitalized and getting a pace maker. Take it easy, Henry.

SPARC now has available a blue and white van to use for radio communications during emergencies and P.R. activities. An attractive sign will I.D. it when in use. A big thanks to all those working on this project and making the van available. Good luck.

K4HXL-Bill told K5IHH-Bob he and his Net Control covered, when going to N.C., but would not tell him by whom. WB4PEL instigated the surprise by getting WA4TJG-Betty to call the Net. WB4PEL also got a surprise when K4ISS-George took control. Hi!

K4SQ-Frank has done a great job as Editor of SPARC-GAP and we regret receiving his resignation. Thanks, Frank, and good luck. Who's going to "pick up the ball" now?

THE FORT MYERS AMATEUR RADIO NEWS

By Earl Spencer, K4FQU

October was a busy month for Fort Myers. The club meeting started our end of year activities with nomination of officers for next year. The slate wound up with Louis, WD9AEP for Pres., Yours Truly for V.P., and with Paul, K4OVC, staying on as Sect./Treas. Our thanks go to those who served so well during 1983. The program was presented by Cash, W4MPV, and was about lead acid batteries. Well done, Cash. The club station is progressing well with the installation of a tower and antennas. It will soon be ready to enjoy. I hope it gets lots of use.

The meeting at EOC was a good one. The Fire Chief of the South Trail F.D. told us of his disaster plans and sounds like he has the situation well in hand.

SET went off very well in Lee County. We had a nice crowd working and I think we did well, statewide, according to all reports I hear. I personally want to thank all that participated to make it a success.

Amateur radio had a lot of publicity this month with three or four shots on the local news networks and in the newspapers. Most of this was due to the SET program and the Grenada episode. Maybe we won't have any TVI complaints for a week or so.

A welcome back due to Louis, WD9AEP; Steve, WA4YHC; Herb, W4YCL; Bob, WV4F; Howard, W3LJC, and Egon, N8EL. Good to oar all your signals on 2M again.

Our sick list was rather long with Jack, N4FLG, getting a bypass operation; Cash,

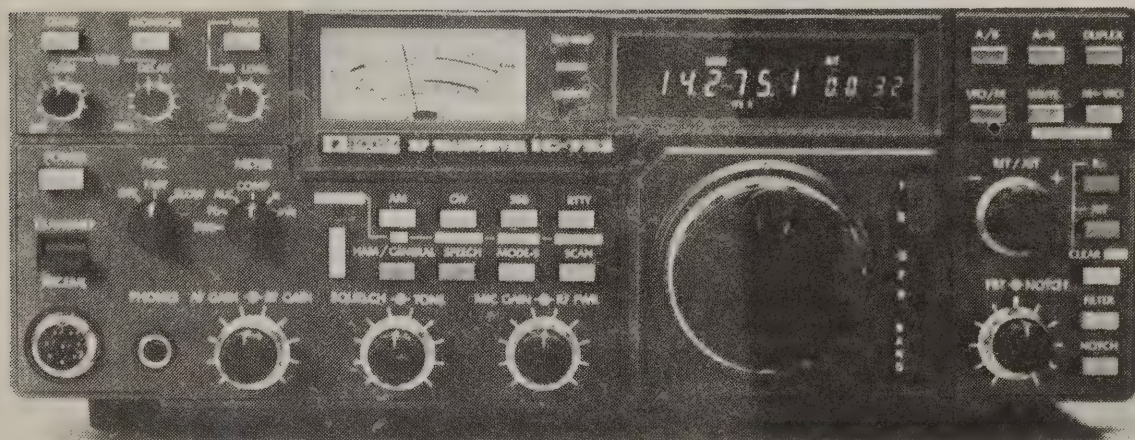
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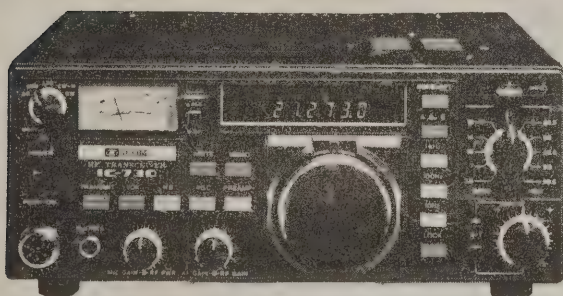
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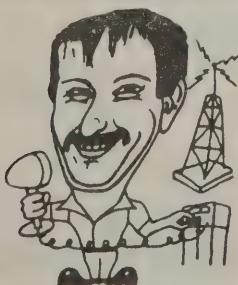
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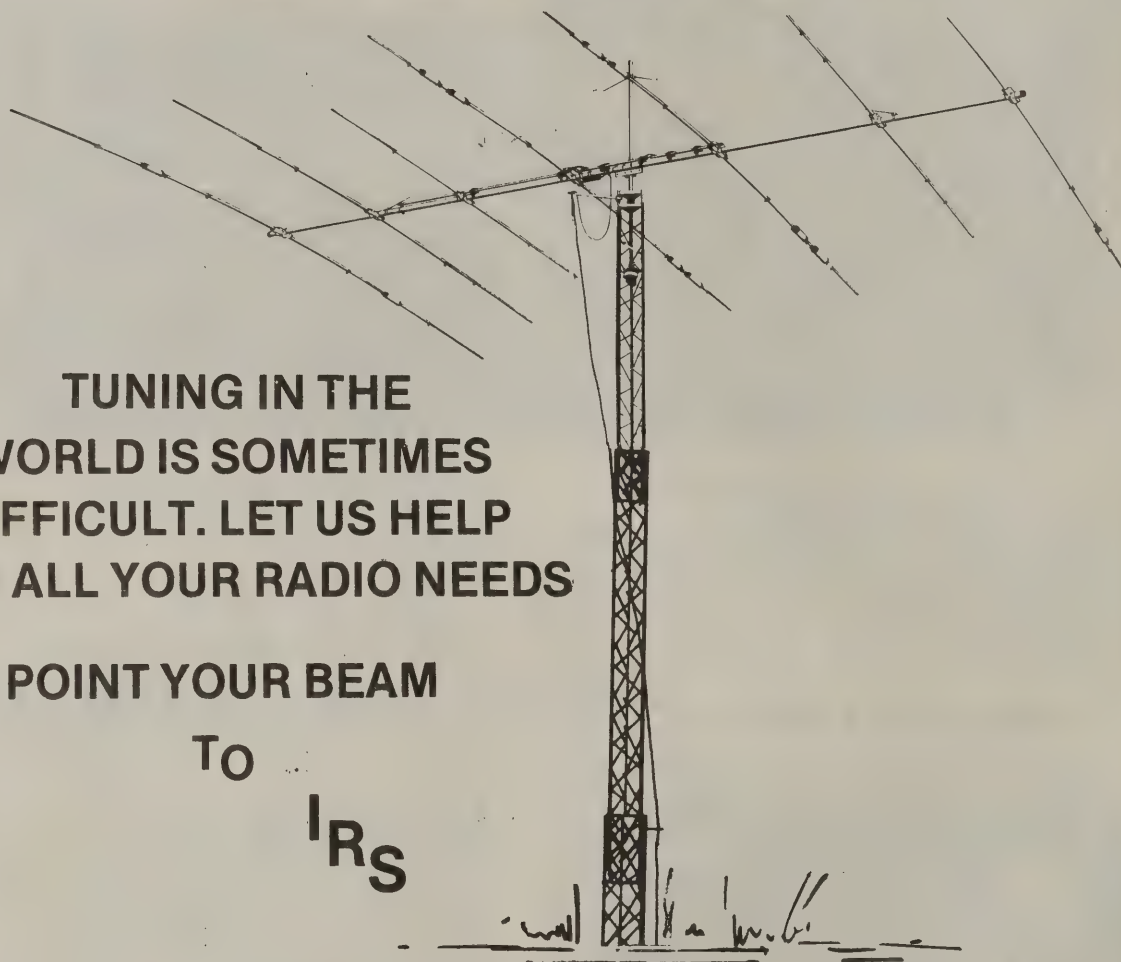
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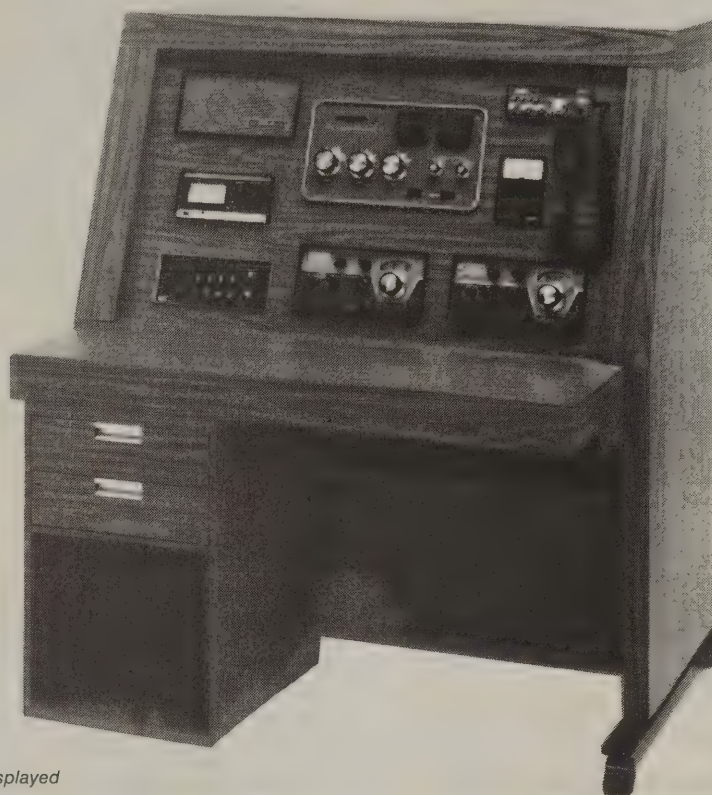
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W4MPV, in both hospitals (Cash gets around alot); Bob, K4VGN, being run over, not to mention a few of our lovely XYLs being a bit under the weather. I hope everyone is home and well by the time you read this.

SARASOTA AMATEUR RADIO ASSOCIATION NEWS

By Lou, N4EWR

Our meetings have been well attended and a lot has been happening. As of this writing our new repeater (W4IE - 146.31-.91) is up and operating from the Air Signal tower and the antenna is at 146 feet. It is all computerized and has voice synthesized capabilities. It's an open repeater so all are welcome to use the machine.

Our local E.C., K4CGX, has resigned for business reasons and the search goes on for his replacement. In the meantime, N4ET, has been appointed interim E.C. Good luck, Don!

WS4Z gave a most interesting and informative talk about the satellite and the ham that will be on board. She showed how and when contacts can be made and why it is so different from regular QSOing. Congratulations, Carolyn, we all hope that after all the planning and work you make that contact.

Incidentally, Carolyn, WS4Z, and her husband Ozzie, WU4W, are both extra class hams. I'll bet they are one of the few "extra class" ham couples in the U.S.

Our Hamfest will be held January 14th and 15th, 1984 and plans are going well and we hope that everyone reading this magazine will attend. We should have something for everyone.

On November 19 our club will coordinate the District Marching Band contest at Riverview High School, Sarasota. There will be about 21 high school bands from all over the state in this contest. Last year was such a success that we have been asked to help out again, so, if you'd like to help, give us a shout on the 146.31-.91 machine and we will be glad to have you.

BYRNES BYTES

By Arthur J. Byrnes

I know that I indicated that this month's column would be about computer repeater controllers, but since that writing I have gotten several questions about computer crime. Next month we'll talk about repeater controllers.

Since the advent of the movie "War Games" computer crime has been a very hot subject with the popular media. Most of the reports are obviously reported by correspondents who are not qualified to report on the subject. This naturally confuses many people, including many hams who are not familiar with computers. As hams we should all know about this subject since our friends and neighbors often ask us about technical matters.

The kind of computer crime I am talking about is the type where someone "Breaks into" another computer using his own computer

and a modem. A modem converts the TTL signals of the computer into audio tones which can be transmitted by telephone line. For this type of crime to occur the "Host" computer (the one being broken into) also has to be connected to a phone line, through a modem.

"To get the right answer you have to ask the right question." The right questions are actually rather simple. The most unasked right question is: Who let the thief in?

For the thief to get into a computer he has to have a password. The system cannot be "Cracked" with a password. Now the guy with three degrees and maybe a Dr. after his name, who runs the data processing dept. is not going to admit that he made a mistake. So, his excuse is: "The kid must have cracked the system, we think we found how he got past our security."

Let's look at what a "kid" has to go through to "crack" a system. First he has to have the phone number of the computer. In the movie "War Games" the star goes "easter egg", he just kept calling phone numbers until a computer answered. Easter egg is easily prevented by having the computer answer only a certain ring code, such as ring once, hang up, and call back. The Dr. will tell you that the kid will still find the phone number, and I agree that some will still find it, but a ring code will deter most easter eggers.

The second thing that a secure system should require is that you enter your name. The system then checks your name against an authorized user file, if your name is not listed the computer just hangs up. If the kid gets lucky and enters a name that is in the file only then does he get to the password stage.

The password is the key to the computer, and the password doesn't have to be a word at all. It's merely a group of characters (letters, numbers, or symbols) that the computer is programmed to recognize. On most systems the password is 6 characters wide. (So, on a system where I don't require security my password is Arthur.) If we restrict ourselves to letters only, that 6 character width gives us 26 to the 6 combinations of letters, or over 308 million

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possible passwords.

A big problem with passwords is that programmers tend to use words that mean something to them, like their baby's name or their wife's name, etc. Another big problem is that the password is not changed on a periodic basis as it should be on a secure system. That failure to change the password is best help the kids get. Many of the system's passwords haven't been changed in years and all it takes is one disgruntled employee who knows the password, to pass the word around to thousands of computer hackers.

In another article I'll give you some insight on the nets these hackers have. Their nets are almost as sophisticated as our national traffic system.

As you can see most computers are not "cracked" at all, someone with a "key" actually lets these thieves in. The next time you read or hear about a computer crime, examine the report closely. Do they place the blame in the proper place? Do they ask the programmer why he didn't change his password periodically? Do they ask him why he didn't change the computer's phone number annually? Do they ask him if he purges his user list of inactive users? If you ask these questions you'll find that most computer crime is like most car thefts; if you leave the keys in the ignition somebody may drive your car away.

Remember, send your comments or questions to:

Arthur J. Byrnes

P.O. Box 478

Holly Hill, Fla. 32017

73's till next month. KA4WDK

THE VHFers ROOST

Conducted by Peter S. Heins, K1FJM/4

19570 S.W. 264 St., Homestead, FL 33031

This month, I'm writing the column over a typical FL VHF DX route: Houston to Miami. I am returning to Miami after attending the ARRL National Convention along with WD4IYS, K4KUZ, WB4OSN, W4OO, W5DZF, and N4PZ. We took part in the SMIRK 10th anniversary conference and VHF gathering at the ARRL Convention. VHFers from all continents and many countries attended. G3FVB, LU7DZ, KH6IAA, AL7C, JA1RJU, and VK8GB were among the attendees. While primarily a 6 meter gathering, SMIRK insured that interesting forums were held for 144 Mhz and up also. WB5LUA, WA8ONQ, K5MB were all scheduled to speak. Foremost father of amateur VHF, Ed Tilton (W1HDQ), made a 2 hour presentation on F2 and other long distance modes of propagation, and yes there is a chance to work across the ocean via multi hop Es when the current sunspot cycle reaches minimum. At informal gatherings and lectures, many VHFers were intrigued to see how their small piece of observed propagation fit into the big picture. WD4IYS heard the distorted sounds of auroral comms for the first time when he heard AL7C's tapes. WA8ONQ presented an extensively illustrated slide program on proper and improper VHF construction techniques — an important item for home brewers. One speaker asked what the telegrapher's daughter did. She di-dit di-dit di-dit! W6JKV illustrated "DX-peditions I have known" with slides of several 6m trips he has made in the last year. During June at Cocos Island, he attempted 2 meter EME for the first time and intends to use EME and Oscar 10 on future trips.

At Houston, several of us discussed the lack of "new blood" in the amateur ranks and also the relatively small numbers who choose to enter the challenging VHF/UHF spectrum. While it is true that well over 50% of the U.S. hams have some form of 2m FM gear, 2 meter FM repeater frequencies represent only a small part of the valuable VHF/UHF spectrum assigned to us. We should cultivate a stronger presence on the bands above 50 Mhz to increase the technical knowledge of the amateur, to assist various propagation studies, and yes; have fun too. Did you know that hams made the first systematic tabulation of Aurora, FAI, and tropo propagation? In the coming months, I hope the more serious VHFers will try to encourage other hams to come up to VHF/UHF, a place where you can enjoy comms with QRM, be treated to occasional DX, communicate by satellite, or even possibly talk to the Space Shuttle.

Conditions for the September ARRL VHF Contest appeared to be lack-luster, except for 200 mile tropo enhancement, and the activity

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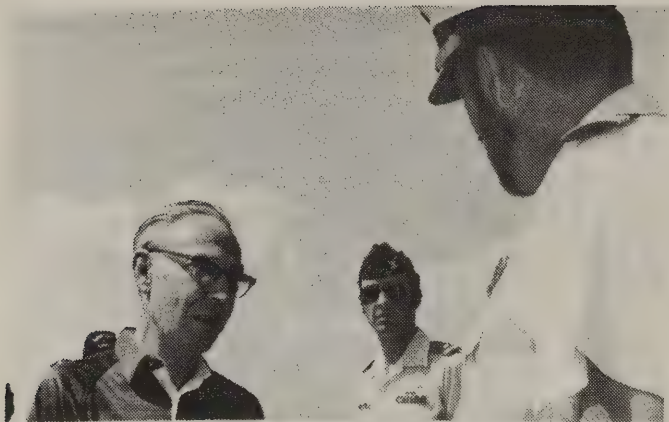
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ALUMA TOWERS



Ernie Feist, WA4CCP of Miami receives a special award for his outstanding services to the United States Coast Guard. See item below. (Official US Coast Guard Photo)

IN APPRECIATION

It is with great appreciation that I note your willing and able involvement as HAM operator WA4CCP in providing communications and position-determination assistance to the U.S. Coast Guard in several Search-and-Rescue cases. Most notable, your recent efforts in the location and assistance of the disabled fishing vessel ENENINA on the Great Bahama Bank in late August 1983 saved the Coast Guard from many hours of resource involvement and the mariners aboard from possible catastrophe.

Your communications capability also aided distressed mariners by heavy weather near Great Inagua, Bahamas in March 1983, and the sailing vessel CRUSADER, which was taking on water near Belize, Central America in early August 1983.

Your great expenditure of effort in these and other cases is evident and greatly appreciated. I wish to express my deepest gratitude to you, a concerned citizen, for your willingness to take the time to aid those who so badly need it, and to perform a

valuable service to the U.S. Coast Guard and your government.

Sincerely,
D.R. SCHMIDT
Captain, U.S. Coast Guard
Chief, Search and Rescue Branch
By direction

VHF ROOST

level sure was low. 432 representation from SFL was fair, but conditions were not good enough to work out of the state from Miami.

On 6 meters, there have been occasional F2 openings during the late afternoon to LU and HC. HC2FG, on the coast of Ecuador, runs 80 watts with 6 elements and has been loud in FL a number of times. Evening Te seems to have been poor this fall season, but of course the continuing F2 propagation signals are much clearer. Watch for Belize during the CQ World Wide Contest and also W6KJV/ from a Pacific Island. Recent statistics follow: WB4OSN - 68 countries; WD4IYS - 65; W4OO - 64; K4KUZ - 58; and W5DZF/4 - 55. N4PZ reports he is about to commission a 6m beacon from his high rise office QTH.

Early morning enhanced tropo on 2m has been observed several times in the last few weeks, with upstate stations checking into the 955 ft. 40/00 Homestead repeater. W5UWB of Kingsville, TX, should be giving me TX feedback about activity to TX from FL in the next few months and he has just subscribed to "Skip". N4PZ's EME array consists of 8 homebrew NBS yagis with 29 foot booms!

The upstate 432 operators have been having activity nights on Monday and Thursday at 2100 EDT/EST. How about joining in at 432.1. Stations from the Panhandle to Miami check in; it is a great way to check out new receivers and antennae to say nothing of adding grid blocks too.

Remember STS9/W5LFL's operation at the end of November. Try to get operational on Oscar 10 too.

Check last October column for details of the November Sprint Contests.



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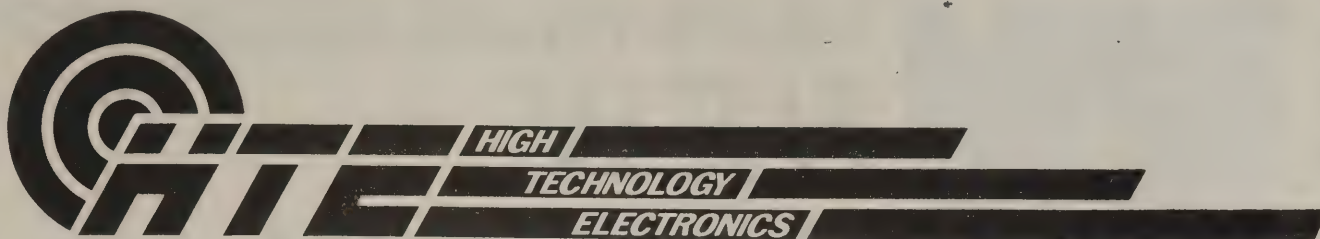
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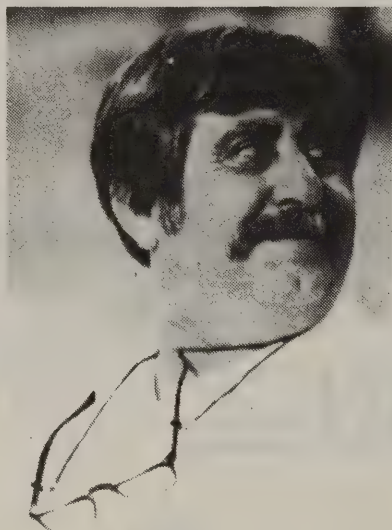
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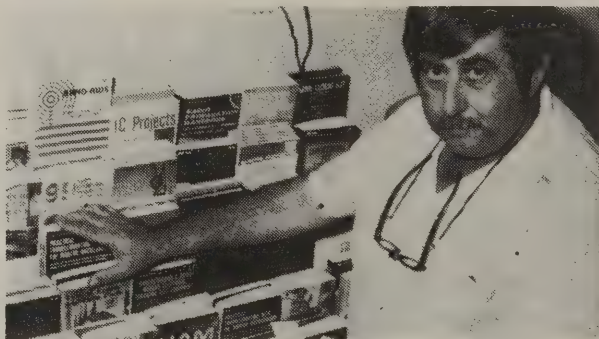
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BRANDON AMATEUR RADIO SOCIETY, WB4BIM meets 3rd Thurs. at Brandon Chamber of Commerce. Nets Mon. 8PM on 147.165 Wed. 8PM Novice CW 21.165 9PM phone on 28.765.

BROWARD AMATEUR RADIO CLUB, Inc. W4AB. W4AB/R 31/91. Meets 2nd Fri. 745PM, Red Cross Bldg., Ft. Lauderdale. Mail: Jan Lorah WB4KOC, 2407 Flamingo Ln. Ft. Lauderdale, FL 33312.

CHARLOTTE AMATEUR RADIO SOCIETY (CARS) Meets 2nd Wed. ea. mo. 730 PM 1st Fed. Savings & Loan, 410 Taylor St. Punta Gorda. Mail: Box 415 Zip 33950 Rptr K4IA 146.145/745.

CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF. Meets 2nd Thurs. Ea. Mon 730PM at Morton Plant Hospital, 323 Jeffords St. Clearwater. Mail: Box 7388, Clearwater, FL 33518. All Welcome.

CYPRESS CHAPTER of Ten-Ten International. Meets Wed. 8PM on 28.665. Covers E-Central FL. K4TSY Chapter Head. For certificate work 5 holders, send long info & \$1. to Bob Lucas K4HTU, RD 3 Box 2630, St. Cloud, FL 32769.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues., Museum of Science, 8PM, 3280 S. Miami Ave., Miami. Mail: P.O.Box 350045, Riverside Station, Miami, FL 33135.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV. Meets 8PM, 3rd Monday monthly, American Red Cross, 341 White St., Daytona Beach, FL Come and bring a friend.

EVERGLADES AMATEUR RADIO CLUB. W4SVI/R 146.235/835. We meet 2nd Fri. ea. month 8PM, Dade Co. Agricultural Bldg. 18710 SW 288 St., Biscayne Dr. at Redland Rd. Homestead 33030.

FELLOWSHIP AMATEUR RADIO CLUB, Inc. Meets 4th Thursday at Ingalls Park Recreation Center, 735 SW 1st St. Hallandale, FL 730PM. N4AXQ/R 147.81/147.21 Mail: Box 680284, No. Miami, FL 33168.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDA REPEATER COUNCIL Pres. K5FOG, VP W4CF, Treas. K4KE, Freq. Coordinator, Jani Kusmulyana KO4J, P. O. Box 17317, Tampa, FL 33682 Phone 813 985-3453.

FLORIDORA YL'S. W4FE. Pres. Blanche Randles W4GXZ, CR-SH Bx 74, Stoddard NH 03464 (5-10) 6002 N. Fremont, Tampa, 33604 (114). All YLs & XYLs invited. See Box ad for details.

FORT MYERS AMATEUR RADIO CLUB. Meets 1st Wed. ea. mo. 730PM, 1st Fed. & Savings, 121 Pomdella Rd. SR78A, No. Ft. Myers. Mail: PO Box 4814, North Ft. Myers, FL 33903

SPACE OPEN

GOLD COAST FM ASSN., Inc. Box 313, Boca Raton, FL 33432. Emcy net Thurs. 730PM WB4QFY/R 146.22/82. Traders net 8PM, WB4UFA/R 4th Mon. 730PM. Imperial Pt. Hosp. Med. Ctr. 6401 N. Fed. Hwy, Ft. Lauderdale. UHF Rpt WB4RZS/R 447.2 in 442.2 Ou

GREATER TITUSVILLE AMATEUR RADIO CLUB. Meets 3rd Mon 730PM ea. month at Titusville Chamber of Commerce Bldg. Mail: c/o W. R. Young, K4DQT, 3845 Catalina St., Titusville 32780 Rptr 148.31/148.91 for other details.

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ meets the 4th Thur. 7PM, N. Tampa Public Library, N. Rome Ave. at Busch Blvd. Mail: Box 24602, Tampa 33623 884-7035.

HOLLYWOOD AMATEUR RADIO CLUB, Inc. WB4TON/R .385/985 Meets 3rd Mon. 800PM Rm 238, So. Satellite Court House, 3550 Hollywood Blvd., Mail: PO Box 6306, Hollywood, FL 33021.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Mon. First National Bank, Merritt Isl. 730PM. Mail: Box 5, Cocoa 32922.

INTERNATIONAL MISSION RADIO ASSN. IMRA. Helps missionaries by supplying equipment & running net Mon. - Sat. 2-3PM, 14280MHz. Yearly 14,000 check-ins, 6,000 traffic. 1 Pryer Manor-Rd., Larchmont, NY 10538.

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94. Meet 8PM, 2nd Tues. Sportsman Inn. N. Roosevelt Blvd. Mail: Box 2371, Key West, FL 33040. Phone 296-2723. Most souther radio club I I

LAKE AMATEUR RADIO ASSN., Inc. K4FC, meets 1st & 3rd Thurs. 8PM, Clubhouse, Springdale Ave., Bassville Park. Mail c/o Dot Favorite, KA4MIL, 106 Island Dr., Leesburg, FL 32748. ALL WELCOME!!!

MAGIC CITY AMATEUR RADIO SOCIETY. Meets 4th Saturday, 3rd floor, Conference Room, 2PM, Joseph Caleb Center, Miami. Details from: John Dillard, WB4WXF, Pres. 305 633-5433.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730PM Ed White Sr. Hi School RM 110, 1700 Old Middleburg Rd., Jax. Mail: B. Williams N4UF, 9110 Rio St. Johns Dr. Jacksonville, FL 32211.

OLD OLD TIMERS CLUB (OOTC) net Sunday 2PM on 7247 kHz. Info: Bob Bookwalter, W4NWF, 728 Valencia Rd., Venice, FL 33595.

POMPANO BEACH A.R.A. (ARRL Affil.) Meets 2nd Thursday 7PM in St. Steven Lutheran Church, 2500 NE 14th St. Welcome aboard!! Mail: 421 NE 25th Ave., Pompano Beach, FL 33062.

PALM BEACH REPEATER ASSN., Inc. .28/88. Meets 1st Tues. each month 730PM, Palm Beach Civil Defense Bldg., 3723 Belvedere Rd., W.P.B. All Welcome. Membership available: PO Box 461, Lake Worth, FL 33460 or call J. Schoech WD4LHF 684-2116.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd Mon. ea. month, Red Cross Bldg., 1150 S. Hickory St., Melbourne. Mail: Box 1004, Melbourne, FL 32901. Rptr: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB, W4ZBB. Meets 1st & 3rd Thurs. 730PM, Clubhouse on 1st St., Ft. Walton Bch. Mail: PO Box 873, Ft. Walton Bch, FL 32548. Repeaters 146.19/79 & 147.60/00

ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meets 8PM, 1st Fr., Red Cross Hq., 818-4th St., Mail: PO Box 4026, St. Petersburg, FL 33731. All amateurs welcome. Bring a friend.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE. Meets 3rd Tues. 8PM. Sarasota Co. Administration Ctr, US 301 & Ringling Blvd. 6th Floor lounge area.. Mail: Box 3182, Sarasota, FL 33578. Join us!!!

SILVER SPRINGS AMATEUR RADIO CLUB. Meets 3rd Tues. ea. month at Forest Hi School, 1614 SE Ft. King St., Ocala 730 PM. Net other tues. 730PM on 146.01/61. Mail: Hugh C. Henline W4JOP, 3480 SE 26th Ct., Ocala, FL 32671. Ya'll come Now!

SOCIEDAD INTERNACIONAL DE RADIO AFICIONADOS, INC. (SIRA) WB4ESB & WB4ESB/4 147.90/30. Mail: Box 524071, Miami, FL 33152. Bulletins on 3785, 7155, 14155, 21255 & 29155kHz. Emergency net 14205 and 147.510. Info & drill net Tuesday 9 PM thru repeater. Phone 305 822-1688.

SOCIETY OF WIRELESS PIONEERS. Edison Chapter meets Sun. 2PM, 5053 kHz. Bill K4TF. CHOP. Info: Bill Willmont K4TF, 16-30 Venus St., Merritt Isl., FL 32952. Transcon SOWP net. Tue. & Thurs. 10AM EST, 14115. Info Sy W4IKU, 305 651-5385.

SOUTH FLORIDA DX ASSOCIATION, PO Box 4541, Margate, FL 33063. DX Net every Wednesday at 9PM Local 147.33/93

SOUTH FLORIDA FM ASSN. WD4SFG/R 148.16/76 & WD4BVO/R 148.40/147.00. Mail: P. O. Box 430025, Miami, FL 33143. Meets 2nd Mon., CD Hq., 5600 SW 67th Ave., Miami. All Welcome! I

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG. Meets 1st & 3rd Mon. 730PM at Club House, Davis Isle, Columbia & Barbados. Mail: PO Box 10453, Tampa, FL 33679.

TAMPA BAY REPEATER ASSN. PO Box 24671, Tampa, 33623. Meets 2nd Tue. 730PM. Call in on 146.16/.76 for meeting place. 146.16/.76 Tampa, 146.39/.97 Largo, 147.705/106 East Bay. Net meets ea. Thur. 730PM on 146.16/.76. Join us.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, P. O. Box 8834, Southboro Station, W. Palm Bch, FL 33406. Meets 1st Wed. 730PM at 823 Newerk St., W.P.B. Phone 655-3592

ZEPHYRHILLS AREA AMATEUR RADIO CLUB INC. Meets 4th Thur. ea. mo. 730PM at Community Center at Lake on W 54. Mail: PO Box 1534, Zephyrhills, FL 34248. Come & bring YXL.

QCWA CALOOSA CHAPTER. Luncheon last Wed. ea. month 1130 AM, Le Bistro restaurant, 4515 Del Prado Blvd., Cape Coral, 3 blocks N. of Parkway on right. Info: D. Bowman W4OUU, 5317 Colonsade Ct., Cape Coral, FL Phone 813 542-4656. All Welcome.

QCWA CENTRAL FLORIDA SHAPTER Meets 2nd Saturday noon, at Western Sirlgin, 3105 Hwy 98N, Lakeland. Net 10AM Sat. on 7243 kHz. Info: Norm Weddell W9HOH, Sec. 913-665-5085.

QCWA CITRUS CHAPTER. Meets 3rd Saturday each month 1130AM at Duff's Famous Smorgasbord, Intersection SR 436 & 434 "K" Mart Plaza, Altamonte Springs. Net meets 9AM Saturday 3955 kHz. All Welcomed.

QCWA EVERGLADES CHAPTER. Meets 2nd Sat. Sept thru April. Sweden House, 5650 N. Fed. Hwy., Ft. Lauderdale. Info: See Skip News column or call Roy McCarty W9KA, 305 731-4145.

QCWA FLORALA CHAPTER. Meets noon 2nd Sat. ea. mo. Western Steer Steak House, Ft. Walton. Pres. W4MMW, Sec-Treas. W4WKQ, John Zwaska, 37 Longwood Dr., Shalimar, 32579. Net ea. Mon. 730 PM CST 28/88 & 8PM CST 3950 kHz. All welcome.

QCWA GATEWAY CHAPTER meets 3rd Sat. ea. mo., Uncle Johns Pancake House, Beach Blvd. Net 7230 Khz. Info: Ed. Nelson, 4015 Tront River Blvd., Jacksonville, FL 32208.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon at Chief Charlie's Restaurant, Gulf to Bay Blvd. on Rt. 60 Clearwater. Wkly net Sat. 915AM on 3920kHz. E. Nannis K4JMH 14996 Imperial Pt. Dr. No., Largo, FL 33544 All welcome.

QCWA HIGHLANDS COUNTY CHAPTER (121). For meeting info etc: Chmn W4BCZ, Phil McMasters 465-3359 or Sec-Tres. K4HSC, Meg Hennon 655-0871, 6102 Lake Front Dr., Sebring, FL 33870.

QCWA PELICAN CHAPTER meets 3rd Wed. noon at Sea Ketch Restaurant, in St. Pete. Net Sat. 10AM 3930kHz. Info: W4BK. 1255 Pasadena Ave., South, Phone 381-5411. All are welcome.

QCWA SOUTHEAST CHAPTER. Meets 3rd Sat. ea. Mo. at Noon. More info: W4KGJ 666-2058, W4KO 685-1963 or W4LGP 891-7692. We also welcome all OOTC and SOWP members anytime!

QCWA SPACEPORT CHAPTER: Meets each 3rd Sat. 1130 AM, Gatsby's, SR 520 & Banana River, Cocoa Beach. K0 REC Pres. Spence, 783-0629; K4KCN Secy. Chas, 453-0285. Y'all Come.....

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Davey's Locker, Rm of Windjammer Rest., 7100 S. Trail US 41, 1st Wed. ea. mo. Oct. Thru May. Info: A. Hodson W4PJF 756-5792.

QCWA SUWANNEE CHAPTER Meets 4th Sat of even number months. Holiday A/C from Silv. Spgs. Net Sat 7236 9AM. Mail: Hugh Henline W4JOP, 3480 SE 26 Ct., Ocala, FL 32671.

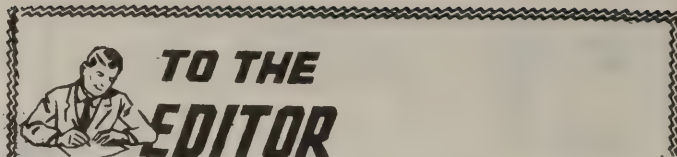
QCWA TREASURE COAST CHAPTER. Chmn. Karl Gansler W4PSG; Sec-Tres. Jerry Dewit W3BL. Lunch, 2nd Thurs. Sheraton Regency, N. A1A, Vero Beach. Mail: Box 3088, Vero Beach 32960.

FLORIDA PIONEER GONE

By Peter S. Heins, K1FJM/4

The Florida VHF community was saddened to hear of the death of Jay, W4VTJ, at the beginning of November. Jay had been a stalwart of the two meter band for some 30 years from his Lantana QTH. He amassed many a state, and yes several countries, too, back in the "old" AM days. Jay's consistent activity of 2 meters encouraged others to populate the band, too.

Jay loved to utilize tropo and sporadic E and also made QSOs on random meteor scatter. In all, he worked over 30 states on 2 meters although he never used E.M.E. W4VTJ loved to tinker with projects for several VHF/UHF bands and delighted in telling others how his experiments were progressing. Convention attendees will not soon forget Jay's chapeau with the mini yagi sprouting from it. 73, Jay.



Dear Sir:

If you go to a fast service diner, order a radio for lunch. Short-order cooks call "Adam and Eve on a raft" (poached eggs on toast), red lead (ketchup).

A "radio" is a tuna-fish sandwich on toast. Does anyone know why?

With kindest regards,
Carl S. Zeilich, AA4MI
Merritt Island, FL

Dear Mr. Editor:

The America Radio club is pleased to announce the second International DX Contest.

We'll appreciate to insert this announcement in your magazine.

Any amateur station making two contacts with official Radio Club DX member operator, during the 2 days, will be eligible to apply for the Silver QSL Award, and the stations making 3 contacts will be eligible for the Special Gold QSL Award.

Contacts with official operators must be made during the period February 18, 1984 at 0500 UTC, to February 20, 0500 UTC.

Suggested Frequencies will be U.S. Amateur Bands for PHONE and CW: 10, 15, 20 and 40 meters.

Exchange will be: RS (T) and QTH. SWL Stations may also apply for this Award on a Heard Basis.

For special Award, send QSL and \$2.00 in U.S. funds or (6IRC) to:

AMERICA RADIO CLUB QSO CONTEST
P.O. BOX 3576
HIALEAH, FLORIDA 33013
U.S.A.

Yours very truly,
Juan B. Huarte
KF4OJ, Contest Manager

Dear Fla. Skip,

I would like to inform you of my change of address as below.

I subscribed to Florida Skip when I was not a ham and have my Novice ticket and have enjoyed your publication very much. I have purchased a "mint" FT-101 and a "mint" FR-101D from two "old timers" through your Hambars.

Thanks, Fla. Skip.
Jim Kinzer, KB4GBA
3075 Dove Lane
Mulberry, FL 33860

Dear Andy,

Just a line to let you know, the 8th annual Pinellas Park Ham Fest will be Feb. 19, 1984. Please list it in your coming events box.

As usual Free donuts and coffee for all — also other goodies at reasonable prices. We have nearly 100 swap tables, all inside, and always some new equipment dealers too.

I thought it might be of interest to you and other Hams as to how much can be accomplished when nobody cares who gets the credit... The Cooperating Suncoast Amateurs are responsible for making this little Hamfest happen. This is the only club I know of that has no meetings, has no dues, has no members, till its time to do it and then they're always there.

In the past 7 years we've raised nearly 10,000 dollars for the boys club and set up a state of the art Ham Club Station — Oh, did I forget to mention... ALL PROFITS GO TO THE BOYS CLUB.

We greatly appreciate your listing of the date, for any more info write P.O. Box 1313, Pinellas Park, Fla. 33565.

Sincerely,
Victor Astolfi, WB4FYS

ARMY MARS

FUTURE MARS AND HAM GEAR

Part Two

By Dick, AAR4PP

Continuing our interview with Grant Reimer, K4IQW, manager of the Orlando branch of Amateur Electronic Supply, about future Ham radio hardware trends:

Ham transceivers are becoming more advanced, more computerized, and more dependent on the latest micro-chips. State of the art! Forty memories! Automatic scanning! Readouts to 10 Hz! Zero drift! Miniaturized for your convenience! Built-in totally automatic antenna tuner! More VFO's than an octopus would want to tune!

New RTTY gear means computers, dedicated or general purpose, with programs in ROM and so many options you may never use them all.

As a result, Ham gear manufacturers hold regular seminars for repairmen, such as are employed by Amateur Electronic Supply, to fix your gear when needed. Without these seminars, repairmen would not know how to correct many problems, and most repair jobs would be sent back to factories.

"Now," Grant asks, "if our professional repairmen, fixing Ham gear day in and day out, cannot stay up-to-date without regular seminar training, what hope has a Ham got if he tries to fix his new equipment by himself? The answer is, practically none, of course.

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It can also be used to make
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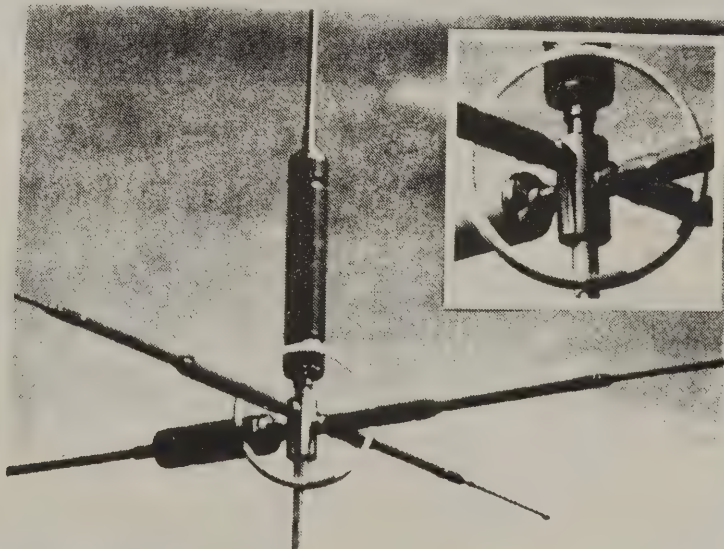
ADD 5% tax & \$1.50 SHIPPING

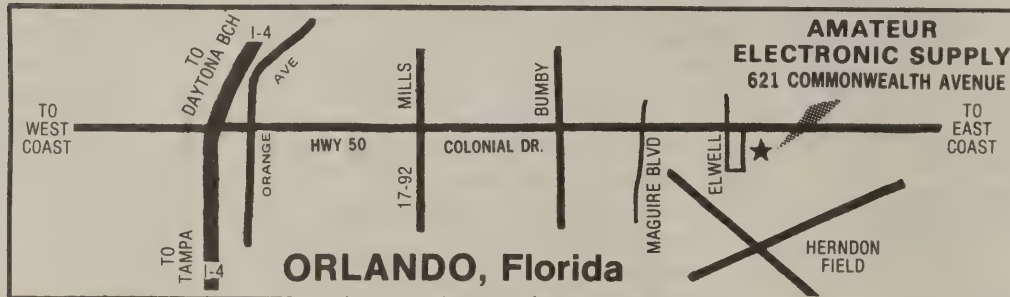


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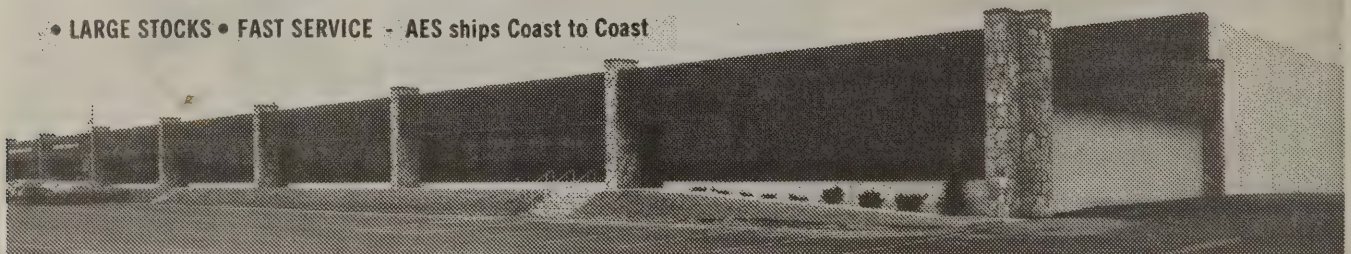
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RATE CARD INFO. HAMBAR service of electronic equipment ONLY is available to all subscribers, amateurs and non-amateur at the rate of 5 cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is \$2. All commercial and non-subscribers rate is 10 cents per word. Minimum charge of \$3. for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain full mailing address, call sign and the ZIP, Area/phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephonic! Commercial display, full page \$80.25, Half Page \$50.25, 1/4 page \$35.25 and 1/8 page \$24.25, CAMERA READY. Lay-out, make-up, type-set fee is extra according to size of ad and type-set required for same. DEADLINE for all HAMBARS and ads, 8th of each month in P. O. Box 501, Miami Springs, FL 33266 Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

WANTED: Midland 13-510A. H. H. Brugman W4OKH, 6405 41st Ave. n., St. Petersburg, FL 33709 813 347-5466.

WILL trade for low freq AM gear. VHF thru UHF search rcvr and panadapter 75-1000MHz RDO/RDP 110 AC excellent complete. What do you have? Write K4HHH, PO Box 274, Port Richey, FL 33568.

PRE-ESTATE SALE: Heath SSB station SB-102 SSB Xmtr. HP-23B power supply, SB-600 speaker, HM-102 wattmeter, SB610 monitor scope, most spare tubes, manuals \$400. Will consider break-up. Heath IM-4100 freq counter, manual \$40. Hewlett Packard 400 VTVM, manual, condition unknown \$40. Navy LM-15 freq. meter, book, power supply \$40. Johnson Matchbox 250-23-3 with SWR meter, manual \$50. You pay shipping on above. SASE for list of Xmtg tubes. Herbert F. Hyre W8UYR, 1009 Biltmore Dr., N.W., Winter Haven, FL 33881 813 965-1008.

FOR SALE: ICOM 811-PS, speaker and I.C.R.M. 2-4 freq memory and manuals. \$475. On the air now. Reason - have new ICOM720A. H. H. Brugman W4OKH, 6405 41 Ave. N., St. Petersburg, FL 33709 813 347-5466.

FOR SALE: Collins Q-243 Master VFO 2.8 to 4.2 MHz. 1 xtal oven, very clean commercial equipment \$150. VHF Resdel Space General telemetry receiver AM-FM-Vidio and digital, with two filters, cavity tuned 216 to 260 MHz and 285 to 410 MHz completely solid state modular construction on a titanium chassis, very good condition \$150. VHF 2 cavity ant. tuner 275 to 400 MHz \$75. 1 ea. 4CX250F new in box \$40. Hickock Xtal controlled Signal Gen. \$20. Peter-Angus Multi-inkpen graph recorder \$20. 2 pre WWII navy meters, one CAP tester, other VOM \$5. each. DA66 VHF 100W dummy load \$10. Micro-Wave xtal test set \$5. Antique Shure mike \$5. Bud Miller, KA4AIK, 902 Nightingale, Miami Springs, FL 33166 305 887-7655.

WANTED: YC-7Bf req read out. FOR SALE: Nice SWAN 500C \$200. Pick-up only. Earl C. Snyder W4AYD, 503 SE 7 St., Okeechobee, FL 33472 813 763-0916.

FOR SALE: SWAN 500CX Xcvr 500 W PEP 10 thru 80 mtrs with matching 117XC power supply, like new \$295. SBE-144 2 mtr xcvr with 6 amp regulated power supply and Hustler Mag. mount ant, xtals include 52/52 01/61, 19/79, 22/82, 25/85 40/00 and 81/21. \$125. 20/80 mtr doublet ant. (2 Rayco traps) with center insulator, wire and coax \$25. Antique Heath AT-1 xmtr, working with manual \$40. Also 6 mtr and CAP Xcvrs. Carl Treece W4NFK, 3121 NE 10 Terr., Pompano Beach, FL 33062 305 781-4438.

SALE: YAESU FT-708R, UHF synthesized HT W/2 antennas & charger \$225. Fred Scott W4YID, 1505 Cambridge Dr., Cocoa, FL 32922 305 636-4285 after 6 p.m.

SELL: Heath DX-60 xmtr, HW-10 receiver HG-10 VFO. All working and in good order \$52. Heath HW-7 QRP transceiver with Hallicrafters regulated 12 v. supply, mint condx \$75. John Shakespeare N4VS, 9321 SW 62 Ct., Miami, FL 33156 305 667-0022.

NOTE: MIN. HAMBAR CHARGE IS \$2.00. Five cents per word or number 20 words. PLEASE - Always give your name, CALL SIGN, address and phone number(s). DONT GIVE JUST YOUR CALL SIGN and a phone number. Make it easy for your buyer to reach you via phone or mail. OK? Editor.

NOTICE: Any Florida Club desiring Samples of FLORIDA SKIP to hand-out at club meetings, please let us know. We will send a goodly supply of back issues via UPS to hand-out to your membership. First come, first serve. Editor.

STOLEN EQUIPMENT: ICOM IC2AT, ser. No. 28132. Motorola "Expo" Handie Talkie, 2 channel UHF. Crystalled on 443.0/448.0 and 442.1/447.1. May have sticker on back which says "Motorola Portable Products Div. No. 081." Stolen from my residence Oct. 24, 1983. Art Pizer WC4H, 7001 NW 16th St. Apt. 411A, Plantation, FL 33313.

DONT FORGET 5th FREE FLEE AT Motorola Parking lot, Sunrise Blvd & University Dr., Dec. 10th (Sat.) 7AM till 3PM. Strickly tail-gate sales. Bring your goodies.. C U there...W4MAQ.

FOR SALE: ALUMA Tower, 40 foot, crank-up, tilt-over base with house mount bracket and tiltover base and 10 ft mast. Ready to haul and put up. Looks new \$190. It can be carried atop a van. I did! 2 meter 3 element vertical beam with vert. mount bracket and mast. \$15. No ship. 40 ft. push-up TV mast \$22. Motorola HT-200 Handie Talkie, three Motorola 15V 450 MaH Cadmium - sealed nickel cadmium batteries, 2 channels \$150. All plus UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

FOR SALE: New in carton, ADZEN 2800, 10 meter FM transceiver with control mike, manual, UPS prepaid \$175. Bank check or money order. George McKinley W4OSI, 1421 SW 25 Ave., Deerfield Beach, FL 33441 or call 305 428-5502.

SELL: DRAKE T4XB, R4B, AC4, MS4, mike and manuals. Crystals for 10/160 and WWV. T4XB serviced recently by Drake. Sell \$375. FIRM. Roy McCarty W9KA, 3960 NW 32 Terr., Ft. Lauderdale, FL 33309 305 731-4145.

FOR SALE: ASTATIC GD103 mike \$30. Vibroplex Original Bug \$30. Heathkit SB600 speaker \$15. Test Equip: Optoelectronics freq counter 600 MHz. \$125. Heathkit power supply 12VDC 20 Amp. \$70. Heathkit Oscopce, TV align. gen. RF sig. Gen. all \$125. Stan Ingle WB4AWY, Box 615, Citra, FL 32627 904 - 595-3083.

WANTED: OSCAR 10 145/435 MHz gear. SELL OR TRADE: Ten Tec Triton IV with CW audio filter \$300. Crystal filters 9.0 MHz \$10. postpaid. Wayne Cooper AG4R 9302 NW 2nd Pl. Miami Shores, FL 33150 305 757-1718.

FOR SALE: Heathkit rcvr IG-62, National NC-2 rcvr 270, Hamnerlund inter com model FM50A. Heathkit VFO mod. GH-10, National NCX3 receiver. Kenwood Twins. Also TV service eqpt. No collect calls. T. Adams, Rt. 1 Box 48, Davenport, FL 33837 813 424-2359. WA4BHG.

FREE FLEE

There will be another FREE FLEE at the Motorola Parking lot at Sunrise Blvd. and University Drive in Plantation December 10 (Saturday) from 7AM till 3PM. This is the Fifth Tail-Gate hapenings and will be without rain this year. See you there and bring your goodies..W4MAQ

REMEMBER! All stolen equipment listed FREE in this column, regardless if you are a SKIP member or not. Please give S.N. and complete "contact address." Editor

WANTED: Ten-Tec transceiver model 540 operational with AC power supply. Ross Akre W4ZZZ, 6121 SW 82 Ave., Miami, FL 33143 305 271-9292.

STOLDEN EQUIPMENT: Ten Tec Triton IV 540 transceiver with AC power supply. Unit containing speaker and VOX. Ross Akre W4ZZZ, 6121 SW 82 Ave., Miami, FL 33143 305 271-9292.

FOR SALE: DENTRON MLA250, brand new, never used in box \$750. SWAN 750 \$350. Both \$1000. Kiko Espinosa WB4INA, 4485 W. 4th Ave., Hialeah, FL 33012 305 822-4733.

WANTED: ANTENNA TUNER Drake Heath Yaesu, Dentron or what have you? Also need B&W or Waters phone patch. Also need 50 ohm non inductive resistors. John Kakstys W2FNT, 18 Hillcrest Terr., Linden NJ 07036.

FOR SALE: FT707 Yaesu trans. 707 power supply, 707 mike \$600. 707 memory bank \$200. Al Bernstein K4ABJ, 19221 NE 20 Ct., North Miami Beach, FL 305 935-3486 after 530PM.

ANTICIPATION AND EXPECTANCY OF FAILURE BRING IT ABOUT.

DXPEDITION? Costa Rica. Home in San Jose with antennas for all bands. Week, month. Write Bev, W4ZD, Box 1083, Lake Placid, FL 33852 or phone 813 465-2628.

SELL: 30 Ft. Rohn 20G holdover tower with 8 ft. mast, hinged base-plate, rotor plate, CDE 22AR rotor, and Hy-Gain TH3MK3 beam. \$275. Manuel Reyes Otalora N4JCA, 1417 Palancia Ave., Coral Gables, FL 33146 305 665-8190.

SALE: YAESU SP901P speaker/patch, brand new 4/83 \$50. firm. Larry Hawes KA0QZQ, 436 Bradenton Rd., Venice, FL 33595 813 493-8238.

ANGER IS THE WIND THAT BLOWS OUT THE LIGHT OF REASON.

FOR SALE: Drake TR4C, AC-4, MS-4, Wilson System 33 beam, tower, rotor, keyer, in new condx. Jim Chancey N4HOC, 7707 24th Ave. W., Bradenton, FL 33529 813 792-3662 after 5PM. \$500.00

In same QTH and same biz for more than 30 years. Now that I am 87 years of age, I feel I must sell SKYLANE PRODUCTS as soon as possible. Sales average \$2000.00 per month and inventory \$2000.00. Ideal for ham who likes to make friends and treat them right. Lots of income deductions you can take from your income tax. Ideal for a ham in Florida or moving from Snowbird Country who has a few hours or so a day on his hands. If interested, write, call or visit me at the following address: Skylane Products, 406 Bon Aire Drive, Temple Terrace, FL 33617 (near Tampa) 813 988-4213. Ask for Van W4YM. See our display ad elsewhere.

SELL: Heath SB-101 with SB-600 speaker, HB23A power supply \$225. SB610 \$75. SB650 \$125. HW32A with HP13 power supply \$50. Sigma model RF-2000 SWR-power meter \$25. HP-23 power supply \$35. All above in good condition with manuals. W. Ingersoll W4QCA, 725 Teal Way., N. Palm Beach, FL 33408 305 622-7454.

FOR SALE: YAESU station, FT101, YO101 scope, FL2100B amplifier, all for \$750. Ten Tec Omni "D", power supply, Dentron MLA 2500 amplifier, all for \$1,500. Also a Yeasu 2100F amplifier \$375. Yeasu 2000B amplifier \$275. All in good condition. You must pick up as I want you to try them out. Don Smith, Rt. 1 Box 1136, Avon Park, FL 33825 813 453-3869.

SELL: HW-101 new condition. SB-600 speaker and CW filter and power supply plus desk mike \$185. Dennis McCurdy WB4-KGN, 3504 Brokenwoods Dr., Coral Springs, FL 33065 305 752-2884 after 6 PM.

TOO MANY FAILURES ARE TRACED TO LACK OF PERISTANCE AND NOT LACK OF TALENT OR ABILITY...

FOR SALE: Yeasu FT-101E with optional 3 kHz and 250 Hz crystal filters installed. Mic and factor service manuals \$400. Yeasu FT-207R synthesized 2 meter HT, new spare battery \$220. Will meet within 75 miles or cash COD. Harry Thomas, P O Box 2399, Ft. Pierce, FL 33454 305 461-0323 leave message.

SALE: MIDLAND 13-570-2 mtr xcvr with mike, gutter mount and mobile fittings \$225. Ringo Ranger 2 mtr antenna \$25. Yeasu FRG-7 general coverage rcvr \$150. TA-33 beam with 40 mtr modification \$50. CDE Ham III rotor and control plus cables \$50. Ft. Rohn foldover tower \$100. Autek Q box \$5. Kantronics 40 mtr 1 watt QRP rock bound xmtr with 6 40 mtr crystals \$20. Veritas 12 volt 4 amp regulated power supply \$15. 3 boxer type 4 inch fans \$4. each. Typewriter telegraphic keyboard \$50. CB type 35 ft telescoping vertical \$10. T45X turner desk mike \$25. All items pick up ONLY. Joe Farran WB4ULO, 326-79 Ave N.E. St. Petersburg, FL 33702 813 526-5937.

FOR SALE: 3700 MHz to 4200 MHz Satellite receiver, tuned and works OK with book \$100. Heathkit HW201 walkie talkie \$35. AKIA hand held B&W TV camera \$75. National NCX-5 80-10 meter transceiver works with book \$150. Richard Marsh WA4JJQ, 7350 Buchanan St., Hollywood, FL 33024 305 961-6839.

READ THIS AD!!! YAESU FT707 SSB transceiver, FC707 ant. tuner, YM34 desk mike, MR-7 mini rack \$750. Yeasu FRG7700 communications receiver with 12 channel memory unit \$550. Kenwood TR-7800 2 mtr FM transceiver \$225. CES 510-SA Smart patch (simplex autopatch) all mint in boxes with manuals \$285. Yeasu FL2100 amplifier with 10 meters, manual \$270. Hustler 5BTV vertical antenna \$50. Ringo Ranger II 2 meter antenna \$15. 12 element 2 meter beam \$35. Archerotor antenna rotator \$35. VIC-20 with 28K memory, Kantronics Hamsoft card, 6-slot cardboard, lots of software, great for TTY \$250. VIC-1541 disk drive for VIC-20/C-64 \$275. C2N cassette Drive for VIC20 \$40. Dave Black KA4RPU, 11291 SW 88 St., Miami, FL 33176 305 595-6328.

SELL COLLINS 75S-3B, \$280. 32S-3, 516F-2 \$280. All excellent. Both \$550. You pick up. New 1982 F-455FA-08 800 cycle filter \$40. DX-60B xmtr \$40. Will ship last tow items, add postage. Bill Blum N4GHR, PO Box 1125, Lake Worth, FL 33460 305 588-3989.

FOR SALE: Radio shack TRS-80 color computer with disk extender basic and 32K memory. Includes single disk drive and disk basic-pack, CGP-115 printer, direct connect modem No. 1, cassette recorder, multi-pak interface. Also includes all hardware manuals, many books and magazines pertaining to the COCO and lots of software. Would like to sell the whole system, if bought now it would cost \$2150. buy now at \$1200. Chester Hart WD4GDB, PO Box 27489, Orlando, FL 32867 305 275-5880 after 6 PM EST.

SELL: COLLINS KWM2, winged, PM-2 power supply, manual \$375. TRS-80 model 3, upgraded to 48K by Radio Shack, dust cover, all manuals, cables, original box, mint with CTR-80 cassette recorder/player, and Radio Shack quick printer II, basic programmatic tape. In memory information software \$499. Atlas 350XL solid state 200 W. output, and Atlas 350 PS power supply, manuals \$499. Gonset 2Kw amplifier GSB-201 MARK IV self contained, a.c. power supply 4-572Bs tubes, 80-10 mtrs \$299. Heathkit SB-230 1 Kw, 80-10 meter amplifier \$299.00 4 Cetrion new 572B \$120. Regency HR2A, full of crystals \$75. ICOM IC-230 \$75. Porta Peater \$75. Kenwood TR-2500 two mtr hand held all accessories \$369. INTERNATIONAL RADIO, Inc., 1532 SE Village Green Dr. Suite L, Port St. Lucie, FL 33452 305 335-5545, evenings 305 878-7296.

SELL: Hammarlunds best HQ180XA, also HQ100AC with digital readout, goooooo radio. TMC GPR-90 with matching slicer. All excellent condition. Panasonic RF4900 new. Antique transmitter Heathkit ETW3100 trainer, new, factory wired. Bill Thompson 1095 NW 147 St., Miami, FL 33168 305 685-1993.

WANTED: 2 meter Telrex Spiral-ray antenna. Must be clean. Cash or will trade for ??? Richard D. Ralston K4LFF, PO Box 9, Yulee, FL 32097.

FOR SALE: HT-44 plus SX-117 plus PS excellent shape \$180. Another HT-44 and SX-117 and PS \$135. nice shape. All clean, manuals. Ascii teletype ASR-33 \$90. Schematics SX-100 very nice \$75. manual. MX-10 Marauder xmtr new transformer \$120. 10 meter converted 40 channel CB \$70. Hy-Gain 2 meter Xcvt AC/DC pwr unit plus pwr amp 3 chnl only, many xtals, manuals \$100. If all not cheap enough, make offer. Also Info-Tech M-300-C- \$200. All PICK UP ONLY. Kenwood TS-830S used once on air \$635. A. D. Tartaglia NF4W, 1460 Milton St., Titusville, FL 32780 305 267-7871.

SELL: KENWOOD TS-820 with digital display, CW filter, mobile DC concertor and spare final tubes, with MC-50 mike, Excellent condition. \$550. or best reasonable offer. Leonard Greene N4ILN, 10207 NW 83 St., Tamarac, FL 33321 305 722-6878.

SALE: Sale to real shortwave enthusiast. Like new, Grundig 1000 TR6002 with SSB adapter. Solid state 23 transistors 13 diodes, 7 stabilizers, 1 rectifier, operates on 6 - 9 - 12 VDC or 110 - 220 VAC 60 Cy. Space for 9 V dry cels. AM-FM-SSB-SW, 13 bands size 46X26X2. Cost me new \$500. Sell \$290. World wide reception, best quality receiver ever made. Ace Ratcliff W4TIE, 1140 SE 14th Terr., Deerfield Beach, FL 33441 305 427-4716.

FOR SALE: SX-117 (needs repairs) \$50. HT-44, OK \$75. Power supply \$30. FT-200 (OK) \$100. power supply (OK) \$40. Ed S. Worden AA4AS, PO Box 1241, Mount Dora, FL 32757 904 383-3472.

FOR SALE: Collins 32S-3 transmitter, 75S-3 receiver, 516F2 power supply, 312B4 station control, set of spare tubes DX Engr. speech processor model LC-132-s all for the sum-\$925. Charlie Wright WB4HVQ, 410 SW 134 St., Miami, FL 33168 305 688-8920.

DID YOU HEAR ABOUT THE POLL-TAKER WHO WAS FIRED BECAUSE SHE WOULDN'T TAKE NO FOR AN ANSWER? ? ?

NEED: Power supply y.3 V at .5A and 300 VDC at 20. mA. to run Heathkit VF-1 (VFO) or any VFO to do same. Need xtals 7,030 - 7070 MHz. Need break-in unit for ATLAS 210X and AC supply for same. Jim Lauritsen K4FQP, 3204 W. Debazan Ave., St. Petersburg Beach, FL 33706.

SALE: HAL ST-6, KSR 28 teletype, carton of paper, mint condition \$325. Heathkit SB-30 station monitor, led clock \$50. KSR-28 TD \$25. Heathkit electronic keyer \$35. Pick up only. WANTED: Mini quad. Harry Weir WD4FGN, 890 SE 4 St., Hialeah, FL 33010 305 887-5207.

NOTICE: FLORIDA QSO PARTY will be handled by a Jacksonville Club. QSO Party is Ma6 5-6 1984. Full details will appear in SKIP later. Pass the word.

WANTED: Heathkit SBA-301-2, 400 HZ crystal filter for HW-101. John Gissell N4FPZ, 5259 Lighthouse Rd., Orlando, FL 32808 305 298-4309.

SELL: ICOM 720A perfect condition has 500 Hz c.w. filter. Original box, manuals etc \$599. ICOM user club papers, incl. Peter Dillon AA4PD, Box 338, Melbourne Beach, FL 32951 305 725-6055.

SELL: ICOM IC720 transceiver mint \$575. ICOM PS15 \$95. Heath HW8 QRP \$95. TENTE 515 like new \$375. ASTRO 200 W/AC \$345. SWAN Cygnet 260 \$195. Drake T5XC R 4C AC4 \$575. Collins LP filter \$45. Kenwood TS120. (lo output) as is \$295. Readtaker 40 SSB CB new \$95. Heath SB-201 linear \$345. Collins 30L1 linear \$450. Lafayette HA460 6M AM \$75. Tubes: 826 new \$20. 3RPIA Monitorscope tube \$30. 6146 all checked \$5. each. Yaesu SP901P phone patch speaker \$65. Antenna switch 5 position BNC \$18. Each list of books available send SASE please. JOHN KAKSTYS W2FNT, 18 Hillcrest Terr., Linden, NJ 07036 201 486-6917.

SWAP: SWAN 1200X linear with manual for late HT with extras Have also Knight 2M transceiver AM with outboard VFO operating and excellent condx. Plus 20 element 2M picket fence. Will also talk trade on Kenwood TS520 for Kenwood 130SE or equivalent. Wen Wheaton W6KDA, 228 Buttonwood Lane, Tavernier, FL 33070 305 852-5911.

SELL: KWM 2WE PM2, CC-1, 312B-5, DX Engr. speech proc., WARC xtals, xtra tubes \$700. package. Dave McDonald, K4EWC 2091 - 59th St., Clearwater, FL 34620 813 536-4316.

FOR SALE: Commodore 64 computer, 1541 floppy disk drive, C2N datasette, and 1600 modem. All items 6 months old or less in factory cartons with all instruction books. In absolute like new condition \$525. Complete. Daniel Bazo N4AGU, 13397 SW 11 Lane, Miami, FL 33184 305 226-0869.

FOR SALE: 15 mtr Hy-Gain 3 el. mono-beam, 1 yr old perfect 1530 BA mod. \$29. Linear amp. 2 813 plus 2 spare \$175. Multiphase RF analyzer 3 inch scope, perfect condx \$45. George J. Pastor W4OGD, 1817 Island Harbor Dr., Port Richey, FL 33568 813 842-1580.

DEADLINE FOR ALL HAMBARS AND COPY IS 8th OF EACH MONTH: ANYTHING RECEIVED AFTER THAT DATE WILL BE HELD FOR FOLLOWING MONTH. THANKS! Editor...

FOR SALE: 130 watt 2M amplifier with remote control \$150. DC power supply with fan and enclosure \$45. John Owens, 7081 Tyler St. Hollywood, FL 33024 305 983-5132.

FOR SALE: YAESU FT-901DM with CW filter, mike, service manual, mint \$650. Bob needleman KD4ZN, 4704 Bay Willow Ct., Orlando, FL 32808 305 298-5621 after 6 p.m.

TRS-80 computer, model I, level II, 48K RAM, expansion interface, monitor, cassette recorder \$450. Tektronix 543 oscilloscope with dual trace and fast rise time plug in modules, \$350. Andrews 4' parabolic dish with feed \$200. Dennis Doyle KC4XH, 1014 Sago Palm Way, Apollo Beach, FL 33570 813 645-1637.

FOR SALE: OMNI-D mod. B CW & SSB filters, power supply, mike and antenna tuner. All Ten-Tec excellent condx for \$495. R. A. Garner WB4FCL, 2021 Australia Way West Apt. 57, Clearwater, FL 33575 813 797-8354.

SALE OR TRADE: Collins 62S1 VHF transverter \$650. Collins 312B4 console \$180. ICOM 280 2M FM plus remote cable \$180. Drake 2M lin. for handheld 2 in and 20W out \$65. 6M leader ant. tuner plus 4 el. beam \$75. Will trade any of above on Collins S line, KWM2 or Drake. All above equip. in A-1 conx. All 2M equip. now on the air. Will demo. Jack Edlow K4YIW, 200 N. Halifax Ave. Daytona Beach, FL 32018 904 252-7743.

FREE FLEE. Motorola Parking lot at Sunrise Blvd & University Drive in Plantation, Dec. 10. (Sat.) from 7AM till 3 PM. This is 5th tail-gate FREE FLEE. Bring your goodies.....Cy W4MAQ.....

NOTE CLUBS: As a way of introducing more new club members to FLORIDA SKIP, we will ship, via UPS a goodly supply of back issues "as samples" to any Florida club for distribution at meetings to its members. If your club is interested, drop me a line and we will get you on this list. Editor.

Sell: Oscilloscope, dual trace, 10 MHz Heathkit So-4550, factory wired. Current model, Heath price \$695, your price \$300. A-1 shape. Terrific buy. \$169. Below kit price. Bob Boughton W4-NCP, 1643 NE 55 St., Ft. Lauderdale, FL 33334 305 772-7023.

NOTICE: ALL STOLDEN AMATEUR EQUIPMENT PUBLISHED FREE IN THIS COLUMN REGARDLESS IF YOU ARE A MEMBER OR NOT. Editor. Note: Many items have been recovered via this column.

SELL: RME VHF-152 converter for 2, 6 and 10 meters. Connects to receiver antenna terminals. About 35 years old but runs OK, 1 owner with manual \$25. Panasonic RF-2800 FM AM SSB and CW and SW from 3.2 to 30 MHz, digital freq. counter with manual \$50. No shipping. Ed Mattison K4SMN, 2258 Claiborne Dr., Clearwater, FL 33546 813 531-4317 evenings.

SELL: SBE-34 \$125. SP-600 \$150. SX-111, mint \$120. R392UR \$100. BC-221 \$20. ARC-2 transceiver with power supply \$30. Pick up ONLY. Other misc. gear. Fred Nazar K4HCL, 1005 Woody Rd., Clearwater, FL 33546 813 446-0996.

SELL: DENTRON GLT-1000 antenna tuner with SWR bridge, No manual, lost, new \$75. Ernest Champagne K4FNM, 3114 Darnea La., Ellenton, FL 33532 813 722-5704.

TREASURE TROVE: Test equipment: Generators, scope, meters, coax switch, tubes, books, wire connectors, TI-59, Etc. Dont buy, steal. Give me a call. I may have just what you need. Low low prices. Bob Boughton W4NCP, 1643 NE 55 St., Ft. Lauderdale, FL 33334 305 772-7023.

SELL: TEMPO S-1-TT, auto and wall charger, 2 battery packs, telescoping and duck ant. \$125. QF1-A autok filter \$50. Heath SB-634 console \$50. Yaesu FT227R 2 meter synthesized with scanner, needs repair \$75. Drake 1525 EM TT mike \$30. CDR Ham M rotor \$50. 5 band Swantenna mobile antenna \$40. Scott Simmons W4DOS, 6550 Chapman field Dr., Miami, FL 33156 305 666-4557 work days 324-7740.

[FOR SALE: DRAKE TR4C, fan and VHF kit installed AC-4 MS4- RV4C, Shure 444 mike \$350. Bill Gleason WD4SMG, 3207 Grove Road, Lake Park, FL 33410 305 626-6181.

SEVEN SECTIONS ROHN 25G including top section \$20. each. Base section for concrete embedding \$10. Travis Wood KA4N 4811 SW 133 Ave., Ft. Lauderdale, FL 33330 305 974-5500 days 305 434-0863 nights and weekends.

ESTATE SALE OF K4JLF: Johnson Matchbox, manual \$60. Johnson low-pass filter type 250-20 \$15. CDR Ham M antenna rotor, series 241, manual. (buyer must remove) \$75. Mosley MP-33 three element beam, manual, (buyer must remove) \$55. 20 foot steel tower (buyer must remove) open for bid. Antenna switch 3 position \$10. 1960 ARRL Handbook \$3. Paul A. Turner W1DLP, 109 Pindo Palm West, Largo, FL 33540 813 585-9830.

FOR SALE: DRAKE R4C receiver, AC-4 power supply, T4X, no time since serviced by Drake, new finals. Free new matched pair never installed. All cables and manuals \$350. Plus shipping. Money order or cashier check please. Claude E. Belcher K4DBM, 3504 Plum St., Jacksonville, FL 32205 904 389-226.

FOR SALE: USED E-Z Way RBX50 tower without GP and mast. \$350. Mosley S-402 40 meter beam \$125. Isaac Roach K4QM, 800 Date Palm Road, Vero Beach, FL 32963 305 231-2717 after 6 pm please.

FOR SALE: SUPERB DRAKE STATION R4B receiver, TX4B transmitter, AC-4 power supply and SP4 speaker. Complete with cables, manuals, extra crystals, 30 meter WARC band, recent finals. \$400. plus shipping. John Hills KC4N, 1004 Lasswade Dr., Tallahassee, FL 32312 904 385-5924.

WISHFUL THINKING: EVERY MAN HAS A SECRET WITCH-- TO OUTSMART RACE HORSES, WOMEN and FISH! . . .

SELL: FT707, FP707, FV707, FRB707, all solid state, 200W SSB/CW, digital external VFO, AC supply, Spkr and scanning, YM35 mike. One owner, mint \$695. or best offer. Wilson System 1, 5 el. tribander \$110. Steve Taber W4ITD, 3265 NE 31 Ave., Lighthouse Point, FL 33064 305 781-5387.

SELL: TI-59 programable calculator, 960 memories. With 3 program modules, magnetic cards, software and printer, A-1 shape. Current price over \$425. Your price \$225. Santa claus still Lives. Bob Boughton, W4NCP, 1643 NE 55 St., Ft. Lauderdale, FL 33334 305 772-7023.

FOR SALE: AMECO code course, cassette tapes. Lessons 11-16 and 17-22, 5, 7 and 10 WPM. \$5.00 post paid. USA CALL-BOOK 1981 \$7.00. Old Army-type Vibroplex but with orig. wedge-cord in good condx, collectors item \$25. Mark XI, 12 V VDC, 4 Amp. power supply with fuse and pilot \$12. Brand new in box Amperex 7854 VHF power tube \$15. ATLAS AFC-1 \$15. All above plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

REPETITION ENGRAVES YOUR THOUGHTS UPON THE SUBCONSCIOUS MIND.

NOTICE: ALL EX PAA AND ARINC AMATEURS are invited to the 3rd reunion at QTH of Ray Seley W4JCD in Dunnellon. Free RV parking. All interested drop Ray a line at RR 1 Box 340A, Dunnellon, FL 32630. Date is Feb. 19, 1984 all day.

FOR SALE: HAL-ST-6 converter built by W4WJ \$95. Hallicrafters R-46 communications speaker \$12. Data Engineering, Inc. Tone Encoder 1800 - 240 Hertz \$12. SOLI-TRON solid state 12 VDC Battery charger/supply 8 amps peak \$15. All plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

LICENSED U.S. HAMS NUMBER 410,767

As of September 30, there were 410,767 individual amateur radio licenses in the U.S. Totals are as follows:

Extra	33,090
Advanced	95,381
General	118,263
Technician	76,433
Novice	86,781

During the fiscal year just passed, FCC issued licenses to 20,940 new licensees. Of the new licensees, 18,744 were novice with 72 persons going all the way from no license to Extra!

(ARRL Directors Letter)

UPDATE STS 9

NASA has announced that the new launch date for STS 9 is 1600 UTC November 28, and the landing is set for December 7. This is a full duration mission, but some of the scientific experiments have been reduced in scope.

It is not known at this time if this will have an effect on Dr. Garriott's plan of operation, but it seems unlikely that it would have an adverse effect in any case. More details will follow as soon as we get them.

(ARRL OB 106 11/2/83)

FLOWERS FROM FCC

In a news release dated October 28, the FCC has high praise for radio amateurs and the role they played in the recent Grenada situation. The Commission waived some of its rules to facilitate communication by KA2ORK, Mark Barettella, and other assisting operators.

In the Commission's words quote at all times the paramount interest of this agency was the safety and welfare of the medical students on the Grenada campuses. Mr. Barettella and the amateur operators assisting him provided valuable services in relaying information as to the safety of the medical students and their families and as to the general situation existing at the Grenada station unquote.

(ARRL OB 105 10/29/83)

MARS Fm P 26

And the answer becomes, absolutely none, when you take into consideration the expensive analytical equipment it takes to tweak up a transceiver of recent vintage. (Even Heath seems to recognize this knowledge gap: the company now advertises a transceiver that is not available in kit form.)

So what does that imply for the Ham and MARS operator of the present and future? The hardware-hacker would seem to be on the way out, to be replaced by the person whose expertise and interest lie primarily in communication skills, not construction skills. What else will his license prove — that he knows but never uses the formula for the charging of a capacitor?

And what are radio communication skills? Betcha can't make up a realistic list without including CW competence — and I don't mean CW competence via a computer program, either!



Some Florida 6 meter buffs discussed TE and F2 propagation with LU7DZ at the ARRL/SMIRK Convention held at Houston, Texas on October 1983. L to R: K1FJM/4 (read his column elsewhere); WB4OSN, LU7DZ, W4OO & WD4IYS. (Photo via K1FJM/4.)

1984 FLORIDA QSO PARTY

The 18th annual Florida QSO Party, sponsored by Florida Skip magazine, will be administered by a Jax area club. Scheduled for early May, this weekend event features competition among Fla. stations and clubs based on contacts made over an 18 hour period.

Plaques are awarded by Florida Skip in 5 categories. The administering organization is responsible for publicizing the QSO Party, checking the logs submitted and compiling a list of results to be published in Skip.

An agreement was reached at the Melbourne Hamfest between Skip Editor Andy Clark, W4IYT and Northern Florida ARRL Section Manager Billy Williams, N4UF who will designate a club as the administrator and will supervise the operation.

It is possible that NOFARS could be the administrator club if the Board of Directors approves. Costs to the club are expected to be in the \$15-\$50 range for postage and office expenses with Skip providing all trophies, certificates and publicity.

At least one other Jax area club is interested but the larger clubs will get first crack. Any NOFARS member interested in assisting can contact N4UF at 765-3230 or 757-6289. More details will be forthcoming soon.

GRENADA.

At 4:10 P.M. EDT, Wed., the 26th of October, the students at the Grand Anse facility were evacuated by U.S. military helicopters. The actual Grenada emergency pertaining to Amateur Radio was terminated, 36 hours after its inception.

Following is a listing of the authorized amateur stations involved in this incident: KD8BC, K1CTK, K4DMK, AD8I, N3LEA, KA20RK/J3, XK3QB/W4, K8ZGZ, N5BHU, WD5DAF, N2DRA, K0IND, K4MM, KA4PBX, W4SS, WV4A, KF4CB, XE1DCT, N3EA, WA2IZN, K8MN, KC2PK, WB2VGL.

On October 28th, The ARRL released the following bulletin:

The FCC has high praise for Radio Amateurs and the role they played in the recent Grenada situation. The Commission waived some of its rules to facilitate communications by Mark Barettella, KA20RK/J3, and other assisting operators. In the Commission's words, quote, At all times the paramount interest of the agency was the safety and welfare of the medical students on the Grenada campuses. Mr. Barettella and the Amateur Operators assisting him provided valuable services in relaying information as to the safety of the medical students and their families and as to the general situation existing at the Grenada station, unquote.

In conclusion, all Amateurs involved in this situation would like to thank the Federal Communications Commission, the U.S. State Dept., the Canadian Emergency Net Amateurs, and all the Amateurs who stood by silently and monitored the frequencies ready to offer their assistance. To those who silently awaited, you were as much a part as those who were heard. . .

K4AO-REB MURPHY 11-23-83 DEC 83